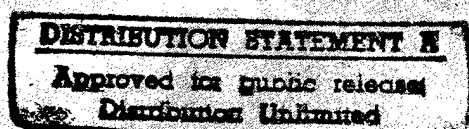


Biology of the Rio Grande Border Region: A Bibliography

Information and Technology Report
USGS/BRD/ITR--1997-0001



DTIC QUALITY INSPECTED 2

U.S. Department of the Interior
U.S. Geological Survey



19970916 149

Technical Report Series

The U. S. Geological Survey publishes two technical report series in the biological sciences.

Series Descriptions

Biological Science Reports

ISSN 1081-292X

Papers published in this series record the significant findings resulting from USGS-sponsored and cosponsored research programs. They may include extensive data or theoretical analyses. These papers are the in-house counterpart to peer-reviewed journal articles, but with less stringent restrictions on length, tables, or raw data, for example. We encourage authors to publish their findings in the most appropriate journal possible. However, the *Biological Science Reports* represent an outlet in which USGS authors may publish papers that are difficult to publish elsewhere due to the formatting and length restrictions of journals. At the same time, papers in this series are held to the same peer-review and high quality standards as their journal counterparts.

Information and Technology Reports

ISSN 1081-2911

These reports are intended for the publication of important reference material such as handbooks and manuals; data compilations such as critical tables, bibliographies, professional seminar, conference, or workshop presentations; book-length monographs, synthesis documents, and compilations of conference and workshop papers. Papers and compilations published as *Information and Technology Reports* are held to the same peer review standards as the *Biological Science Reports*.

Copies of this publication are available from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161 (1-800-553-6847 or 703-487-4650). Copies also are available to registered users from the Defense Technical Information Center, Attn.: Help Desk, 8725 Kingman Road, Suite 0944, Fort Belvoir, Virginia 22060-6218 (1-800-225-3842 or 703-767-9050).



Printed on recycled paper

Biology of the Rio Grande Border Region: A Bibliography

Information and Technology Report

USGS/BRD/ITR--1997-0001

July 1997

by

Lynne E. Johnson,

Linda J. Jacobs,

and

Diana Papoulias

DISTRIBUTION STATEMENT A

Approved for public release

Distribution Unlimited

Funding to compile and produce this bibliography was provided by the U.S.G.S. Biological Resources Division's National Biological Information Infrastructure (NBII) and by the Lower Rio Grande Ecosystem Initiative which is administered and coordinated by the Environmental and Contaminants Research Center (formerly Midwest Science Center) in Columbia, Missouri.

Suggested citation:

Johnson LE, Jacobs LJ, Papoulias D. 1997. Biology of the Rio Grande border region: a bibliography. Columbia (MO): U.S. Geological Survey, Biological Resources Division, Environmental and Contaminants Research Center. (Information and technology report: USGS/BRD/ITR--1997-0001) 150 p.

Cover photo courtesy of Ken Osborn, U.S. Geological Survey, National Mapping Division, Rocky Mountain Mapping Center, Denver, Colorado.

Contents

	Page
Introduction	1
Acknowledgments	2
Bibliography on the Biology of the Rio Grande Border Region	
A. Overview	3
B. Botany	
1. General Botany	5
2. Non-Woody Plants	12
3. Woody Plants	16
C. Invertebrate Zoology	
1. General Invertebrate Zoology	19
2. Terrestrial Invertebrate Zoology	19
3. Aquatic Invertebrate Zoology	24
D. Vertebrate Zoology	
1. General Vertebrate Zoology	27
2. Fish	27
3. Amphibians and Reptiles	35
4. Birds	41
5. Mammals	53
E. Ecology	
1. General Ecological Surveys	67
2. Terrestrial Ecology	68
3. Aquatic/Wetland/Riparian Ecology	70
4. Coastal Ecology	72
F. Natural History	74
G. Soils, Forestry, and Agriculture	75
H. Geology, Hydrology, and Water Resources	77
I. Protected Areas	81
J. Endangered and Threatened Species	83
K. General Environmental Quality	84
L. Hydraulic Engineering	86
M. Water Quality	88
N. Environmental Contaminants and Toxicology	92
O. Air Quality	100
P. Bibliographies and Directories	102
Author Index	105
Key Word Index	125
Journals List	143
Information Sources	149

Biology of the Rio Grande Border Region: A Bibliography

by

Lynne E. Johnson
ASCI Corporation
1365 Beverly Road, McLean, Virginia 22101

Linda J. Jacobs
U.S. Geological Survey, Biological Resources Division
Environmental and Contaminants Research Center,¹
4200 New Haven Road, Columbia, Missouri 65201

Diana Papoulias
U.S. Geological Survey, Biological Resources Division
Environmental and Contaminants Research Center,¹
4200 New Haven Road, Columbia, Missouri 65201

Abstract. This bibliography includes 1,913 references to the literature of the Rio Grande (Río Bravo del Norte). The specific geographic area covered extends 100 km on either side of the river from Elephant Butte Dam in New Mexico to the Gulf of Mexico. The bibliography focuses on the biological literature, divided into major subject areas, and also includes supporting literature from the physical and environmental sciences. The database is available in a searchable format on the Internet home page of the U.S. Geological Survey, Biological Resources Division, Environmental and Contaminants Research Center.

Key words: Big Bend National Park, botany, Chihuahuan Desert, ecology, Mexico, New Mexico, pollution, Texas, water quality, zoology

Introduction

The Rio Grande (Río Bravo del Norte) border area evokes images of wilderness; however, the realities of present-day population pressures are rapidly transforming this formerly wild frontier. In 1995, the National Biological Service (now the Biological Resources Division of the U.S. Geological Survey) funded an initiative along the Lower Rio Grande from Elephant Butte Reservoir to the Gulf of Mexico to address the ecosystem-level changes. As part of this effort, we have compiled this bibliography for researchers, resource managers, planners and policy makers to make accessible what is known about the biology of this region. We have concentrated on references to the biotic literature

recognizing that works from the physical sciences, as well as historical treatments, may provide additional biological insight.

Several comprehensive bibliographies provided us with a starting point. References from the National Park Service's Big Bend National Park natural resources bibliography, the Texas General Land Office's Rio Grande Coastal Impact Monitoring Program bibliography, and the USGS Biological Resources Division's Biomonitoring of Environmental Status and Trends Program analysis of contaminant impacts in the lower Rio Grande were particularly helpful. The Fish and Wildlife Reference Service provided many additional references

¹ Formerly Midwest Science Center

not available through other online sources. Sections of the bibliography were then reviewed by experts in their respective fields, and their suggestions were incorporated. In addition, many individuals, agencies and organizations throughout the country were contacted for their contributions.

The bibliography is organized into 25 subject areas with author and keyword indexes. Coarse taxonomic categories of plants and animals, which predominantly include works on species biology, form the core of the collection. Historical and popular accounts in the Natural History section, as well as citations in the Ecology sections, provide important supportive information. Several smaller sections contain references that are not strictly biological in nature, but which are specific to the region and are significant to the ecosystem as a whole. We have also included two special sections. The first of these, the Overview, is intended to provide a few key references, while the Bibliographies and Directories section points the reader to more diverse and comprehensive collections of references.

This bibliography is in no way intended as a comprehensive listing of references to the biological literature of the Rio Grande border region. For the most part, we tried to include only information that was collected from, or directly pertinent to, the geographic area 100 km north and south of the Rio Grande between Elephant Butte Dam and the Gulf of Mexico. We attempted to include only those references which were complete and, as such, could be obtained through a library or some other information service. Citations generally follow the guidance in *Scientific Style and Format: the CBE Manual for Authors, Editors, and Publishers*.² Where possible, we have provided addresses for obtaining publications that are more difficult to access. For those who identify errors or omissions, we welcome your suggestions and contributions to this continually expanding database. It is our intention that this bibliography will be periodically updated. A current, searchable version of the bibliography database can be found on the Internet home page of the U.S. Geological Survey, Biological Resources Division, Environmental and Contaminants Research Center.

The richness of the literature reflects the diversity of the natural resources of the Rio Grande. We hope this bibliography will be of value to those who are interested in preserving and protecting the ecosystems of these borderlands.

Acknowledgments

We are indebted to those who compiled the bibliographies from which we selected references to form the core of this bibliography: Marilyn Ostergren, Arnold Van Pelt and Kevin McDonough who worked on the Big Bend National Park Natural Resource Bibliography; Don Hockaday, Gayle Robinson and Cheryl Salaiz of the Texas Coastal Impact Monitoring Program; and Miguel Mora and Susan Wainwright of the USGS Biological Resources Division Brazos Field Research Station. We are especially grateful to the experts who took time to review the various sections: David E. Bowles, Texas Parks and Wildlife Department; Robert D. Bradley, Texas Tech University; Tim Brush, University of Texas - Pan American; Mark Flora, National Park Service, Water Resources Division; Gary P. Garrett, Texas Parks and Wildlife Department; Frank Judd, University of Texas - Pan American; Chris Onuf, USGS Biological Resources Division Texas Gulf Coast Field Research Station; A. Michael Powell, Sul Ross State University; Alfred Richardson, University of Texas at Brownsville and Texas Southmost College; and Arnold Van Pelt of Greensboro, North Carolina. Their input significantly strengthened this document.

Richard D. Worthington of the University of Texas at El Paso furnished additional references. Vincent Burke of the Environmental and Contaminants Research Center and David Diamond of the Missouri Resource Assessment Partnership provided valuable advice. Kate Kase of the USGS National Center and Beth Vairin and Susan Lauritzen of the USGS, Biological Resources Division National Wetlands Research Center generously provided assistance in the production. We appreciate the cooperation of the numerous other individuals throughout the nation who contributed their knowledge and expertise to this effort, particularly those in numerous Texas state government offices.

² Council of Biology Editors, Style Manual Committee. 1994. Scientific style and format: the CBE manual for authors, editors, and publishers. 6th ed. New York: Cambridge University Press. 825 p.

Bibliography on the Biology of the Rio Grande Border Region

A. Overview

1. [ANONYMOUS]. 1995. Mexico preserves foster border cooperation. *Nat. Parks Mag.* 69:12.
2. BLAKE TA, STEINHART P. 1994. Two eagles/dos águilas: the natural world of the United States-Mexico borderlands. Berkeley (CA): University of California Press. 202 p.
3. BOWMAN JA. 1993. The Rio Grande: a confluence of waters, nations & cultures. College Station (TX): Texas Water Resources Institute. (Texas water resources newsletter: 19 (2)) 6 p.
4. BREUER JP. 1970. A biological survey of the tidewater areas of the Rio Grande. In: Texas Parks and Wildlife Department, Coastal Fisheries Branch. Coastal Fisheries Project Report 1969-1970. [Austin (TX)]: Texas Parks and Wildlife Dept. p 127-139.
5. CECH I, ESSMAN A. 1992. Water sanitation practices on the Texas-Mexico border: implications for physicians on both sides. *South. Med. J.* 85(11):1053-64.
6. DAVIS JR. 1980. Species composition and diversity of benthic macroinvertebrates in the upper Rio Grande, Texas. *Southwest. Nat.* 25(2):137-50.
7. DAVIS JR, KLEINSASSER LJ, CANTU R. 1995. Toxic contaminants survey of the lower Rio Grande, lower Arroyo Colorado, and associated coastal waters. Austin (TX): Texas Natural Resource Conservation Commission. AS-69. 127 p.
8. DIAMOND DD, LINAM LA, POOLE JM, MELHOP P, TREVINO M. [1992]. Rare species and communities in the Texas-Mexico borderlands. In: Proceedings: 5th U.S./Mexico Border States Conference on Recreation, Parks, and Wildlife; 1992 Sep 17-19; Las Cruces, NM. [Las Cruces]: [New Mexico State University]. p 35-41.
9. EDWARDS RJ, CONTRERAS-BALDERAS S. 1991. Historical changes in the ichthyofauna of the lower Rio Grande (Río Bravo del Norte), Texas and Mexico. *Southwest. Nat.* 36(2):201-12.
10. FISHER RD. 1994. National parks of northern Mexico. Tucson (AZ): Sunracer Publications. [151] p.
11. GEHLBACH FR. 1981. Mountain islands and desert seas: a natural history of the U.S.-Mexican borderlands. College Station (TX): Texas A&M University Press. 298 p.
12. HUMPHREY RR. 1987. 90 years and 535 miles: vegetation changes along the Mexican border. Albuquerque (NM): University of New Mexico Press. 448 p.
13. JAMESON JR. 1987. Big Bend on the Rio Grande: biography of a national park. New York: P. Lang. 171 p.
14. JOHNSTON CR. 1972. Effluent neighbors: the Mexico-United States water quality dilemma. *Calif. West. Int. Law J.* 3(1):152-73.
15. LEWIS SJ, KALTOFEN M, ORMSBY G. 1991. Border trouble, rivers in peril: a report on water pollution due to industrial development in northern Mexico. Boston (MA): National Toxic Campaign Fund and National Toxics Campaign. 35 p.
16. MEARNS EA. 1907. Mammals of the Mexican boundary of the United States: a descriptive catalogue of the species of mammals occurring in that region with a general summary of the natural history, and a list of trees. *U.S. Nat. Mus. Bull.* 56:1-530.
17. ONUF CP. 1995. Seagrass meadows of the Laguna Madre of Texas. In: LaRoe ET, Farris GS, Puckett CE, Doran PD, Mac MJ, editors. Our living resources: a report to the nation on the distribution, abundance, and health of U.S. plants, animals, and ecosystems. Washington: U.S. Dept. of the Interior, National Biological Service. p 275-7.
18. POWELL AM. 1988. Trees and shrubs of Trans-Pecos Texas including Big Bend and Guadalupe Mountains national parks. Big Bend National Park (TX): Big Bend Natural History Association, Inc. 536 p.

19. RICHARDSON A. 1995. Plants of the Rio Grande delta. Austin (TX): University of Texas Press. 332 p.
20. RILEY CM, editor. 1996. Texas Partners in Flight priority list for Texas bird conservation. Austin (TX): Texas Parks and Wildlife Dept. Publication nr PWD BK W7100-292. 111 p. Available from: Texas Partners in Flight c/o Texas Parks and Wildlife Dept.
21. SCHMIDT KP, SMITH TF. 1944. Amphibians and reptiles of the Big Bend region of Texas. Field Mus. Nat. Hist. Publ. Zool. Ser. 5:75-96.
22. SMITH ML, MILLER RR. 1986. The evolution of the Rio Grande basin as inferred from its fish fauna. In: Hocutt CH, Wiley EO, editors. The zoogeography of North American freshwater fishes. New York: John Wiley & Sons. p 457-85.
23. THORNTON OW, JR. 1977. The impact of man upon herpetological communities in the Lower Rio Grande Valley, Texas [MSc thesis]. College Station (TX): Texas A&M University. 96 p.
24. UNITED STATES. BUREAU OF LAND MANAGEMENT. [1990]. Rio Grande wild and scenic river. [Farmington (NM)]: U.S. Dept. of the Interior, Bureau of Land Management. 1 sheet.
25. VAN PELT AF. 1995. An annotated inventory of the insects of Big Bend National Park, Texas. [Brewster County (TX)]: Big Bend Natural History Association. 152 p.
26. WAUER RH. 1977. Significance of Rio Grande riparian systems upon the avifauna. In: Johnson RR, Jones DA, technical coordinators. Importance, preservation and management of the riparian habitat: a symposium; 1977 Jul 9; Tucson, AZ. Fort Collins (CO): U.S. Forest Service, Rocky Mountain Forest and Range Experiment Station. (General technical report RM: 43) p 165-74.

B. Botany

1. General Botany

27. [ANONYMOUS]. 1955. Vegetational studies: Big Bend National Park [black & white photos]. Brewster County (TX): National Park Service. 77 prints.; 8 x 10 in. Located at: National Park Service, Southwest Support Office.
28. [ANONYMOUS]. 1984. Big Bend bloomers. 4 p. Located at: Big Bend National Park.
29. AMMON WL. 1965. Plant life of Big Bend National Park. In: Geology of the Big Bend area, Texas: field trip guidebook with road log and papers on natural history of the area. Midland (TX): [West Texas Geological Society]. (Publication (West Texas Geological Society): 65-51) p 172-6.
30. AMOS B. 1990. Vegetation of Big Bend National Park: data sheets. 16 v. Located at: Big Bend National Park.
31. AMOS B, ROWELL C. 1991. Vegetative analysis on a species by species basis, Big Bend National Park. Located at: Big Bend National Park.
32. BRAY WL. 1901. The ecological relations of the vegetation of western Texas. Bot. Gaz. 32(2):99-123.
33. BROWN DE. 1982. Biotic communities of the American Southwest--United States and Mexico. Desert Plants 4:1-342.
34. BROWN DE. 1982. Chihuahuan desert scrub: southwestern USA, Mexico, vegetation. Desert Plants 4(1-4):169-79.
35. BRYANT VM. 1987. Modern pollen samples in Big Bend National Park and vicinity. 33 p. Located at: Big Bend National Park.
36. BUCKLEY PE, DODD JD. 1969. Heavy precipitation influences saline clay flat vegetation. J. Range Manage. 22(6):405-7.
37. BULLER RE, HERNANDEZ E, GONZALEZ MH. 1960. Grassland and livestock regions of Mexico. J. Range Manage. 13:1-6.
38. BURGESS TL, NORTHINGTON DK. 1977. Desert vegetation in the Guadalupe Mountains region. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 229-42.
39. BUTTERWICK KM, STRONG S. 1976. A vegetational survey of the Falcon Dam area. In: Lyndon B. Johnson School of Public Affairs. Rio Grande-Falcon Thorn Woodland. Austin (TX): University of Texas at Austin, Lyndon B. Johnson School of Public Affairs. (A natural area survey: 13) p 27-46.
40. CAMPBELL CJ, DICK-PEDDIE WA. 1964. Comparison of the phreatophyte communities on the Rio Grande in New Mexico. Ecology 45:492-502.
41. CHEATHAM S, JOHNSTON MC. 1995. The useful wild plants of Texas, the southeastern and southwestern United States, the southern plains, and northern Mexico. Volume 1, Abronia to Arundo. Austin (TX): Useful Wild Plants, Inc. 568 p.
42. CLOVER EU. 1937-38. Vegetational survey of the Lower Rio Grande Valley, Texas. Madrono 4(2-3):41-66, 77-100.
43. COLLINS K. 1984. Status and management of native South Texas brushlands. Corpus Christi (TX): U.S. Fish and Wildlife Service, Ecological Services. 18 p.
44. CONNER MD. 1979. The endangered plants of Texas [MA thesis]. Austin (TX): University of Texas at Austin. 117 p.
45. COOK OF. 1908. Change of vegetation on the South Texas prairies. [Washington]: U.S. Department of Agriculture, Bureau of Plant Industry. (Circular (United States. Bureau of Plant Industry): 14) 7 p.
46. CORRELL DS, JOHNSTON MC and others. 1979. Manual of the vascular plants of Texas. Richardson (TX): University of Texas at Dallas. (Texas Research Foundation. Contributions: 6) 1881 p.

47. COTTLE HJ. 1931. Studies in the vegetation of southwestern Texas. *Ecology* 12:105-55.
48. COULTER JM. 1890. Upon a collection of plants made by Mr. G. C. Nealley, in the region of the Rio Grande in Texas from Brazos Santiago to El Paso County. Washington: U.S. Government Printing Office. (United States National Museum. Contributions from the United States National Herbarium: 1 (2)) 36 p.
49. CROSSWHITE FS. 1980. Dry country plants of the South Texas plains. *Desert Plants* 2:141-79.
50. DIAMOND DD, RISKIND DH, ORZELL SL. 1987. A framework for plant community classification and conservation in Texas. *Tex. J. Sci.* 39(3):203-21.
51. DONOHUE GS. 1991. Native and cultivated vines of the Magic Valley. Penitas (TX): Chapparal Garden Press. 23 p.
52. DRAWE DL. 1976. Effects of nitrogen and phosphorus fertilization on South Texas native rangeland. *Tex. A. I. Univ. Stud.* 1:99-109.
53. DRAWE DL. 1977. A study of five methods of mechanical brush control in South Texas. *Rangeman's J.* 4:37-9.
54. DRAWE DL, CHAMRAD AD, BOX TW. 1978. Plant communities of the Welder Wildlife Refuge. Sinton (TX): Rob and Bessie Welder Wildlife Foundation. (Contribution (Rob and Bessie Welder Wildlife Foundation) Series B: 5) 1 v.
55. DURHAM GP. 1975. Vegetation response and management of South Texas rangeland following chemical and mechanical brush control [Msc thesis]. College Station (TX): Texas A&M University. 116 p.
56. EICKMEIER WG. 1976. Crassulacean acid metabolism plants of Big Bend National Park, Texas [dissertation]. Madison (WI): University of Wisconsin. 181 p.
57. EICKMEIER WG. 1979. Eco-physiological differences between high and low CAM species in Big Bend National Park. *Am. Midl. Nat.* 101:118-26.
58. EVERITT JH, DRAWE DL. 1993. Trees, shrubs, & cacti of South Texas. Lubbock (TX): Texas Tech University Press. 213 p.
59. EVERITT JH, LONARD RI, IDEKER J. 1986. Endangered, threatened, watch list, and extinct plant species of the Lower Rio Grande Valley of Texas. *Sabal* 3(4):59.
60. FARRALD C, LONARD RI. 1980. Comparative vegetational analysis of a dry basin and a shallow pond within the bed of Cattail Lake, Santa Ana National Wildlife Refuge, Texas. *Tex. J. Sci.* 36:149-61.
61. FLEETWOOD RJ. 1973. Plants of Santa Ana National Wildlife Refuge. Alamo (TX): Bureau of Sport Fisheries and Wildlife, Santa Ana National Wildlife Refuge. 55 p.
62. FOSCUE EJ. 1935. The natural vegetation of the Lower Rio Grande Valley of Texas. *Field Lab.* 1:25-31.
63. FOSTER WJ. 1976. A study of the medicinal plants in the Trans-Pecos region and the Big Bend National Park area of West Texas [MSc thesis]. Alpine (TX): Sul Ross State University. 72 p.
64. GALVIN J, editor. 1966. Western America in 1846-1947: the original travel diary of Lieutenant J. W. Abert who mapped New Mexico for the United States Army. [San Francisco]: John Howell Books. 116 p.
65. GEHLBACH FR. 1963. The Guadalupe ecosystem: an approach to basic plant ecology research in the National Park Service [dissertation]. [Ann Arbor (MI)]: University of Michigan. 170 p.
66. GEHLBACH FR. 1965. Plant ecology of the Boot Canyon and McKittrick Canyon trails, Trans-Pecos, Texas: a research report on vegetation dynamics and human impact. Santa Fe (NM): U.S. Dept. of the Interior, National Park Service. 9 p.
67. GEHLBACH FR. 1966. Plant formations in the natural history interpretation of southwestern desert regions. *Nat. Parks Mag.* 40(220):16-8.
68. GEHLBACH FR. 1967. Vegetation of the Guadalupe Escarpment, New Mexico-Texas. *Ecology* 48:404-19.
69. GOULD FW. 1975. Texas plants: a checklist and ecological summary. College Station (TX): Texas Agricultural Experiment Station. (Texas agricultural Experiment Station. Miscellaneous publication: 585/Revised) 121 p.

B. 1. GENERAL BOTANY

70. HARPER RM. 1950. A statistical summary of the flora of Texas. Bull. Torrey Bot. Club 77:192-203.
71. HATCH SL, PLUHAR J. 1993. Texas range plants. College Station: Texas A&M University Press. (The W.L. Moody, Jr., natural history series: 13) 326 p.
72. HAVARD V. 1885. Report on the flora of western and southern Texas. Proc. U.S. Nat. Mus. 8:449-533.
73. HENRICKSON J. 1977. Saline habitats and halophytic vegetation of the Chihuahuan Desert region. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert region, United States and Mexico; 1974 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 289-314.
74. HINCKLEY LC. 1947. Contrasts in the vegetation of the Sierra Tierra Vieja in Trans-Pecos, Texas. Am. Midl. Nat. 37:162-78.
75. HOLMES WM. 1988. Plant utilization in Big Bend borderland economy, 1910-1930. 6 p. In: American Association of Geographers annual meeting; 1988 Apr 6-10; Phoenix, AZ. Located at: Big Bend National Park.
76. HUMPHREY RR. 1987. 90 years and 535 miles: vegetation changes along the Mexican border. Albuquerque (NM): University of New Mexico Press. 448 p.
77. IDEKER J. 1993. Native plant project's endangered list updated. Sabal 10(6):3-10.
78. INGLIS JM. 1964. A history of vegetation on the Rio Grande plain. Austin (TX): Texas Parks and Wildlife Department. 122 p.
79. JOHNSTON IM. 1943-44. Plants of Coahuila, eastern Chihuahua, and adjoining Zacatecas and Durango, I-V. J. Arnold Arbor. Harv. Univ. 24:306-39, 375-421; 25:43-83, 133-83, 431-53.
80. JOHNSTON L, JR. 1963. Pollen analysis of two archaeological sites at Amistad Reservoir, Texas. Tex. J. Sci. 15:225-30.
81. JOHNSTON MC. 1952. Vegetation of eastern Cameron County, Texas [MA thesis]. [Austin (TX)]: University of Texas. 127 p.
82. JOHNSTON MC. 1955. Vegetation of the Eolian Plain and associated coastal features of southern Texas [dissertation]. Austin (TX): University of Texas. 167 p.
83. JOHNSTON MC. 1963. Past and present grasslands of southern Texas and northern Mexico. Ecology 44:456-66.
84. JOHNSTON MC. 1977. Brief resume of botanical, including vegetational, features of the Chihuahuan Desert region with special emphasis on their uniqueness. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 335-59.
85. JOHNSTON MC, RISKIND DH, BUTTERWICK M, LAMB J, OSBURN, S. [197-]. A botanical survey of the lower canyons of the Rio Grande [unpublished report]. Austin (TX): Lyndon B. Johnson School of Public Affairs. Available from: Texas Parks and Wildlife Dept.
86. JOURNET A. 1991. The distribution and vegetational relationships of three listed species (*Euphorbia chaetocalyx*, *Echinocereus chisoensis*, and *Brongniartia minutifolia*) in the Boquillas area of Big Bend National Park. 2 p. In: Investigator's annual report, 1992. Located at: Big Bend National Park.
87. JUDD FW, LONARD RI. 1993. A phytosociological investigation of the vegetation of the Rio Grande in southern Texas: proposal to Faculty Research Council. Edinburg (TX): University of Texas-Pan American.
88. JUDD FW, LONARD RI, SIDES SL. 1977. The vegetation of South Padre Island, Texas in relation to topography. Southwest. Nat. 22:31-48.
89. KLUSMANN WG. [1988]. Common aquatic plants of Texas. Rev. ed. College Station (TX): Texas A&M University System, Texas Agricultural Extension Service. 8 p.

90. LEITHEAD HL. 1948. Summary of line transects established in Big Bend National Park. Marfa (TX): United States Department of Agriculture, Soil Conservation Service. (A study of vegetative trends in Big Bend National Park) 17 p.
91. LEOPOLD AS. 1950. Vegetation zones of Mexico. *Ecology* 31:507-18.
92. LEOPOLD BD, KRAUSMAN PR. 1986. Plant associations of the lower desert shrubland in Big Bend National Park, Texas. Alpine (TX): Chihuahuan Desert Research Institute. (Contributed papers of the 2nd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico: 23) 47 p.
93. LERICH S, MILLER DJ. 1989. Chisos Mountain update: revegetation project complete. *Chihuah. Desert Discov.* 25:5.
94. LESUEUR HD. 1945. The ecology of the vegetation of Chihuahua, Mexico, north of parallel twenty-eight. Austin (TX): University of Texas Press. (University of Texas publication: 4521) 92 p.
95. LONARD RI, JUDD FW. 1980. Phytogeography of South Padre Island, Texas. *Southwest. Nat.* 25:313-22.
96. LONARD RI, JUDD FW. 1981. The terrestrial flora of South Padre Island, Texas. Austin (TX): University of Texas at Austin. (Miscellaneous papers (Texas Memorial Museum)) 74 p.
97. LONARD RI, JUDD FW. 1989. Phenology of native angiosperms of South Padre Island, Texas. In: Bragg TB, Stubbendieck J, editors. *Prairie pioneers: ecology, history and culture. Proceedings of the 11th North American Prairie Conference; 1988 Aug 7-11; Lincoln, NE.* Lincoln: University of Nebraska Printing. p 217-22.
98. LONARD RI, JUDD FW, SIDES SL. 1978. Annotated checklist of the flowering plants of South Padre Island, Texas. *Southwest. Nat.* 23:497-510.
99. LUDWIG JA, WONDZELL SM. 1986. Vegetation dynamics following establishment of Big Bend National Park U.S.A. In: Joss PJ, Lynch PW, Williams OB, editors. *Rangelands, a resource under siege: proceedings of the 2nd International Rangeland Congress; 1984 May 13-18; Adelaide (Australia).* Canberra (Australia): Australian Academy of Science. (Distributed by Cambridge University Press, New York) p 13-5.
100. MARROQUÍN JS, BORJA G, VELÁZQUEZ R., J. ANGEL DE LA CRUZ C. 1964. Estudio ecológico-taxonomico de las zonas áridas del norte de México. [Mexico]: [publisher unknown]. (Instituto Nacional de Investigaciones Forestales (México). Publicación especial: 2) 166 p.
101. MARSH EG. [1935]. Ecological report on the flora. National Park Service. 97 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 102.
102. MARSH EG, MATTHEWS CM. 1937. An ecological report on the flora of the Texas Big Bend. 28 p. Located at: Big Bend National Park.
103. MCDOUGALL WB. 1935. Preliminary report on a plant ecological survey of the Big Bend area of Texas. 27 p. Located at: Big Bend National Park.
104. MCDOUGALL WB, SPERRY OE. 1957. Plants of Big Bend National Park: with illustrations and keys for identification. Washington: National Park Service. 209 p.
105. MCLENDON T. 1991. Preliminary description of the vegetation of South Texas exclusive of coastal saline zones. *Tex. J. Sci.* 43:13-32.
106. MCMAHAN CA, FRYE RG, BROWN KL. 1984. The vegetation types of Texas, including cropland: an illustrated synopsis to accompany the map. Austin (TX): Texas Parks and Wildlife Department. (PWD bulletin: 7000-120) 40 p.
107. MEYER ER. 1977. A reconnaissance survey of pollen rain in Big Bend National Park, Texas: modern control for a paleoenvironmental study. In: Wauer RH, Riskind DH, editors. *Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX).* Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 115-23.
108. MULLER CH. 1937. Vegetation in the Chisos Mountains, Texas. *Trans. Tex. Acad. Sci.* 20:5-31.
109. MULLER CH. 1939. Relations of the vegetation and climatic types in Nuevo León, México. *Am. Midl. Nat.* 21:687-729.

110. MULLER CH. 1947. Vegetation and climate of Coahuila, México. *Madrono* 9(2):33-57.
111. NABHAN GP, GREENHOUSE R, HODGSON W. 1986. At the edge of extinction: useful plants of the border states of the United States and Mexico. *Arnoldia* (Boston) 46(3):36-46.
112. NELSON JT, BERES PL. 1987. Was it grassland? A look at vegetation in Brewster County, Texas through the eyes of a photographer in 1899. *Tex. J. Agric. Nat. Resour.* 1:34-7.
113. PALMER EJ. 1928. A botanical trip through the Chisos Mountains of Texas. *J. Arnold Arbor. Harv. Univ.* 9:153-73.
114. PLUMB GA. 1991. Assessing vegetation types of Big Bend National Park, Texas for image-based mapping. *Vegetatio* 94(2):115-24.
115. PLUMB GA. 1992. Vegetation classifications of Big Bend National Park, Texas. *Tex. J. Sci.* 44(4):375-87.
116. PLUMB GA. 1993. Knowledge-based digital mapping of vegetation types in Big Bend National Park, Texas. *Geocarto Int.* 8(2):29-38.
117. POOLE JM, RISKIND DH. 1987. Endangered, threatened, or protected native plants of Texas. [Austin (TX)]: Texas Parks and Wildlife Department. 1 v.
118. POWELL AM. 1960. A study of the vegetation on the Cienega Mountain area. [Alpine (TX)]: Sul Ross State College. 102 p.
119. POWELL AM. 1980. Vegetation of Trans-Pecos Texas. *Guideb. - New Mexico Geol. Soc.* 31:299-302.
120. POWELL AM, HILSENBECK RA. 1995. A floristic overview of the Chihuahuan Desert region. *Chihuah. Desert Discov.* 35:3-14.
121. POWELL AM, POWELL S. 1977. Chromosome numbers of gypsophilic plants of the Chihuahuan Desert. *SIDA Contrib. Bot.* 7:80-90.
122. POWELL AM, POWELL SS. 1975. Polyploid percentages in gypsum and non-gypsum floras of the Chihuahuan Desert. *Sci. Biol. J.* 1:37-8.
123. POWELL AM, TURNER BL. 1977. Aspects of the plant biology of the gypsum outcrops of the Chihuahuan Desert. In: Wauer RH, Riskind DH, editors. *Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX).* Washington: U.S. Dept. of the Interior, National Park Service. p 315-25.
124. RICHARDSON A. 1995. *Plants of the Rio Grande delta.* Austin (TX): University of Texas Press. 332 p.
125. RIESS EM. [1958]. *The garden of chaparral: plants of the Lower Rio Grande Valley.* New York: Vantage Press. 158 p.
126. RISKIND DH. 1973. The rare and endangered flora of the Guadalupe Mountains National Park. Report submitted to the Chief Biologist, Southwest Region National Park Service, Santa Fe, NM.
127. RISKIND DH. 1976. Big Bend Ranch, Cienega Creek and environs, Presidio County, Texas: an appraisal of the botanical resources. 8 p. Available from: Texas Parks and Wildlife Dept.
128. RUNYON R. 1947. Vernacular names of plants indigenous to the Lower Rio Grande Valley of Texas. Brownsville (TX): Brownsville News Pub. Co. 24 p.
129. RUTH HR. 1972. A study of the stomata of two Big Bend monocotyledons. 12 p. Located at: Big Bend National Park.
130. SHREVE F. 1939. Observations on vegetation of Chihuahua. *Madrono* 5:1-13.
131. SPERRY OE. 1938. A check list of the ferns, gymnosperms, and flowering plants of the proposed Big Bend National Park of Texas. *Sul Ross State Teach. Coll. Bull.* 19(4):9-98.
132. SPERRY OE. 1941. Additions to the checklist of plants of the proposed Big Bend National Park area. *Sul Ross State Teach. Coll. Bull.* 22(1):9-60.
133. SPERRY OE, WARNOCK BH. 1941. Plants of Brewster County, Texas. *Sul Ross State Teach. Coll. Bull.* 22(1):16-60.
134. TEXAS ORGANIZATION FOR ENDANGERED SPECIES. 1972-. *Endangered, threatened, and watch lists of plants of Texas.* Austin (TX): Texas Organization for Endangered Species. Available from: Texas Organization for Endangered Species.

135. TEXAS PARKS AND WILDLIFE DEPT. RESEARCH PLANNING DIVISION. PARK SERVICE. 1967. A checklist of some plants of Bentsen-Rio Grande Valley State Scenic Park. Austin (TX): Texas Parks and Wildlife Dept. 14 p.
136. THORNE RF. 1954. Flowering plants of the waters and shores of the Gulf of Mexico. In: Galtsoff PS. Gulf of Mexico, its origin, waters, and marine life. Washington: U.S. Government Printing Office. (U.S. Fish and Wildlife Service. Fishery bulletin: 89) p 193-202.
137. TORREY J, GRAY A. 1854. Report on the botany of the expedition. In: Pope J. Report of exploration of a route for the Pacific Railroad near the thirty-second parallel of north latitude, from the Red River to the Rio Grande. [Washington]: [publisher unknown]. p 157-178.
138. TURNER BL, POWELL AM. 1979. Deserts, gypsum, and endemism. In: Goodin JR, Northington DK, editors. Arid land plant resources: proceedings of the International Arid Lands Conference on Plant Resources; 1978; Texas Tech University. Lubbock (TX): Texas Tech University, International Center for Arid and SemiArid Land Studies. p 96-116.
139. UNITED STATES. NATIONAL PARK SERVICE. 1970. Vegetation map. National Park Service. 1 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155E/20000.
140. UNIVERSITY OF NEW MEXICO. BIOLOGY DEPT. NEW MEXICO NATURAL HERITAGE PROGRAM. 1995. Riparian/ wetland vegetation communities of the Rio Grande, a classification and site evaluation: final report submitted to New Mexico Environment Department, Surface Water Quality Bureau. Albuquerque (NM): Natural Heritage Program. 28 p.
141. VAN DEVENDER TR, FREEMAN CE, WORTHINGTON RD. 1978. Full-glacial and recent vegetation of Livingston Hills, Presidio County, Texas. Southwest. Nat. 23(2):289-302.
142. VAN PELT AF. 1990. Vascular plants of Big Bend National Park. 50+ p. Located at: Big Bend National Park.
143. VAN VALKENBURG A, PARR C, SPERLING C. 1991. A guide to Dagger Flats, a desert plant community, Big Bend National Park. Brewster County (TX): Big Bend Natural History Association. 21 p.
144. VORA RS. 1989. Seed germination characteristics of selected native plants of the Lower Rio Grande Valley, Texas. J. Range Manage. 42(1):36-40.
145. VORA RS. 1990. Plant communities of the Santa Ana National Wildlife Refuge, Texas. Tex. J. Sci. 42:115-28.
146. VORA RS. 1990. Plant phenology in the Lower Rio Grande Valley, Texas. Tex. J. Sci. 42(2):137.
147. VORA RS. 1992. Restoration of native vegetation in the Lower Rio Grande Valley, 1984-87. Restor. Manage. Notes 10(2):150-7.
148. VORA RS, MESSERLY JF. 1990. Changes in native vegetation following different disturbances in the Lower Rio Grande Valley, Texas. Tex. J. Sci. 42(2):151-8.
149. WALTERS JW, LUCHT DD. 1975. Biological evaluation: insect and disease conditions, Big Bend National Park, Texas. Albuquerque (NM): USDA Forest Service, Southwestern Region, Forest Insect and Disease Management, State and Private Forestry. 8 p.
150. WARNOCK BH. 1946. The vegetation of the Glass Mountains, Texas [dissertation]. Austin (TX): University of Texas. 68 p.
151. WARNOCK BH. 1955. Vegetation survey, Big Bend National Park area, Brewster County, Texas. 50+ p. Located at: Big Bend National Park.
152. WARNOCK BH. 1967. Plants of the Big Bend National Park. 24 p. Located at: Big Bend National Park.
153. WARNOCK BH. 1967. Specimens in herbarium of Big Bend National Park. 17 p. Located at: Big Bend National Park.
154. WARNOCK BH. 1967. Summary of belt transect data at Big Bend National Park, 1955 and 1967. 50+ p. Located at: Big Bend National Park.
155. WARNOCK BH. 1969. Vegetation survey, Big Bend National Park area, Brewster County, Texas. 106 p. Located at: Big Bend National Park.

156. WARNOCK BH. 1986. A brief overview of plant life in the Big Bend area. In: Pause PH, Spears RG, editors. *Geology of the Big Bend area and Solitario Dome, Texas: 1986 field trip guidebook*. [Midland (TX)]: West Texas Geological Society. (Publication (West Texas Geological Society): 86-82) p 163-164.
157. WARNOCK BH, COOKE DC, KITTAMS WH and others. 1967. *Vegetation survey, Big Bend National Park Area, Brewster County, Texas*. Alpine (TX): Sul Ross State College. [149] p.
158. WARNOCK BH, KITTAMS WH. 1970. *Plant communities of Big Bend National Park*. [unpublished map]. Located at: Big Bend National Park.
159. WARNOCK BH, SPERRY OE. 1937. *Collection and survey of plants in the Chisos Mountain area*. Washington: United States National Park Service. 206 p.
160. WATERFALL UT. 1946. *Observations on the desert gypsum flora of southwestern Texas and adjacent New Mexico*. *Am. Midl. Nat.* 36:456-66.
161. WEBSTER GL. 1950. *Observations on the vegetation and summer flora of the Stockton Plateau in northeast Terrell County, Texas*. *Tex. J. Sci.* 2:234-42.
162. WELLS PV. 1965. *Vegetation of the Dead Horse Mountains, Brewster County, Texas*. *Southwest. Nat.* 10(4):256-60.
163. WELLS PV. 1966. *Late Pleistocene vegetation and degree of pluvial climatic change in the Chihuahuan Desert*. *Science* 153:970-6.
164. WELLS PV. 1976. *Macrofossil analysis of wood rat (Neotoma) middens as a key to the Quarternary vegetational history of arid America*. *Quarternary Res.* 6:223-48.
165. WHITEFIED MP. 1990. *The vegetation of the north Rosillos Mountains area, Big Bend National Park, Texas*. 26 p. Located at: Big Bend National Park.
166. WHITSON PD. 1965. *Phytocoenology of Boot Canyon woodland, Chisos Mountains, Big Bend National Park, Texas* [MSc thesis]. Waco (TX): Baylor University. 45 p.
167. WHITSON PD. 1970. *Dynamics of the shrub desert formation-succulent desert formation transition in Big Bend National Park, Texas* [dissertation]. Norman (OK): University of Oklahoma. 104 p. Available from: University Microfilms International.
168. WILLIAMS JS. 1969. *Gradients in species composition of desert vegetation near El Paso, Texas*. In: Hoff CC, Riedesel ML, editors. *Physiological systems in semiarid environments*. Albuquerque (NM): University of New Mexico Press. p 273-83.
169. WONDZELL SM. 1984. *Recovery of desert grasslands in Big Bend National Park following 36 years of protection from grazing by domestic livestock* [MSc thesis]. Las Cruces (NM): New Mexico State University. 94 p.
170. WONDZELL SM, LUDWIG JA. 1983. *Plant succession as influenced by soil-geomorphic processes in desert grasslands of semi-arid piedmonts of the USA-Mexico border, parts I and II* [unpublished Man and the Biosphere report to the National Park Service; research grant RM-81-189-CR]. 100 p. Located at: Big Bend National Park.
171. WOOTON EO. 1915. *Flora of New Mexico*. Washington: U.S. Government Printing Office. (Contributions from the United States National Herbarium: 19) 794 p.
172. WORTHINGTON RD. [1980]. *Vascular plants from the north end of the Quitman Mountains, Hudspeth County, Texas*. In: Society of Economic Paleontologists and Mineralogists, Permian Basin Section. *Geology of the Finlay Mountains, south central Hudspeth County, Texas: 1980 field trip guidebook*. [Midland (TX)]: The Section. (Publication (Society of Economic Paleontologists and Mineralogists, Permian Basin Section): 80-19) p 88-92.
173. WORTHINGTON RD. 1989. *An annotated checklist of the native and naturalized flora of El Paso County, Texas*. El Paso (TX): R. Worthington. (El Paso Southwest Botanical Miscellany: 1) 56 p. Available from: Florisitic Inventories of the Southwest Program.
174. WORTHINGTON RD. 1996. *Checklist of the flora of the Hueco Mountains and Hueco Tanks State Historical Park*. Prepared for the joint meeting: Texas and New Mexico native plant societies. 17 p.

- Available from: Floristic Inventories of the Southwest Program.
175. WORTHINGTON RD. 1996. Nomenclatural changes, additions and corrections to an annotated checklist of the native and naturalized flora of El Paso County, Texas. Prepared for the joint meeting: Texas and NewMexico native plant societies. 14 p. Available from: Floristic Inventories of the Southwest Program.
 176. YORK JC, DICK-PEDDIE WA. 1969. Vegetation changes in southern New Mexico during the past hundred years. In: McGinnies WG, Goldman BJ, editors. Arid lands in perspective. Tucson (AZ): University of Arizona Press. p 157-66.
 177. [ANONYMOUS]. 1989. Cactus rescue and propagation - sticky business! Chihuah. Desert Discov. 25:10.
 178. [ANONYMOUS]. 1996. *Pereskia aculeata* (Cactaceae), in the Lower Rio Grande Valley of Texas. SIDA Contrib. Bot. 17(2):527.
 179. [ANONYMOUS]. [date unknown]. The cacti of Carlsbad Caverns, Guadalupe Mountain, Big Bend national parks and White Sands National Monument. 2 p. Located at: Big Bend National Park.
 180. ALEX TC, NORLAND JE. 1987. Survey of *Echinocereus reichenbachii* var. *chisoensis*. 5 p. Located at: Big Bend National Park.
 181. ANTHONY MS. 1951. An ecologic and systematic analysis of the genus *Opuntia* Miller in the Big Bend region of Texas [dissertation]. Ann Arbor (MI): University of Michigan. 210 p.
 182. ANTHONY MS. 1952. Complete list of *Opuntia* in the Big Bend National Park. Located at: Big Bend National Park.
 183. ANTHONY MS. 1954. Ecology of the *Opuntiae* in the Big Bend region of Texas. Ecology 35(3):334-47.
 184. ANTHONY MS. 1956. The *Opuntiae* of the Big Bend region of Texas. Am. Midl. Nat. 55(1):225-56.
 185. AVERETT JE, POWELL AM. 1972. Chromosome numbers in *Physalis* and *Solanum* (Solanaceae). SIDA Contrib. Bot. 5:3-7.
 186. BENNETT BC. 1985. Notes on the Bromeliaceae of Big Bend National Park. J. Bromeliad Soc. 35(1):24-5, 31.
 187. BENSON LD. 1982. The cacti of the United States and Canada. Stanford (CA): Stanford University Press. 1044 p.
 188. BOKE NH. 1957. Evidence for the recognition of two species of *Epithelantha* in the Big Bend of Texas. Located at: Big Bend National Park.
 189. BRECKENRIDGE FG, MILLER JM. 1982. Pollination biology, distribution, and chemotaxonomy of the *Echinocereus enneacanthus* complex (Cactaceae). Syst. Bot. 7:365-78.
 190. CAZARES E, GARCIA J, CASTILLO J, TRAPPE JM. 1992. Hypogeous fungi from northern Mexico. Mycologia 84(3):341-59.
 191. CLAYTON PW. 1993. Walker's manioc (*Manihot walkerae*) recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 57 p.
 192. CUMMINS GB. 1964. Uredinales of the Big Bend National Park and adjacent areas of Texas. Southwest. Nat. 8(4):181-95.
 193. CUMMINS GB. 1965. Additional Uredinales of the Big Bend area of Texas. Southwest. Nat. 10(1): 35-8.
 194. CUTAK L. 1942. *Coryphantha ramillosa*, a new species from the Big Bend region of Texas. Cactus Succulent J. 14:164.
 195. DAVIS AM. 1942. A study of Boscaje de la Palma in Cameron County, Texas and of *Sabal texana* [MA thesis]. Austin (TX): University of Texas. 111 p.
 196. DAVIS DG. 1969. Habitat of the night-blooming *Cereus* (*Cereus greggii*) in the Marathon Basin, Texas. 2 p. Located at: Big Bend National Park.
 197. DESERT BOTANICAL GARDEN. 1995. First annual report on joint task force six, Lloyd's mariposa cactus survey. [Phoenix (AZ)]: [Desert Botanical Garden]. 22 p.

198. DONOHUE GS. 1992. Some common and showy wildflowers of the Rio Grande delta. Penitas (TX): Chaparral Garden Press. 80 p.
199. ECKER L, HODGSON WJ. 1991. Propagation of *Castilleja elongata* and *Festuca ligulata* from Chisos Mountains, Big Bend National Park, Texas. 3 p. In: Investigators Annual Report. Located at: Big Bend National Park.
200. EICKMEIER WG. 1988. Physiological effects of transplantation of the desiccation-tolerant pteridophyte *Selaginella lepidophylla* in Big Bend National Park. Southwest. Nat. 33(3):287-94.
201. EICKMEIER WG, ADAMS MS. 1978. Gas exchange in lechuguilla Torr. (Agavaceae) and its ecological implications. Southwest. Nat. 23(3):473-85.
202. ENGELMANN G. [1859]. Cactaceae of the boundary. [Washington]: [U.S. Government Printing Office]. (United States and Mexican boundary survey) 78 p.
203. EVERITT JH, RICHEYSON JV, ALANIZ MA, ESCOBAR DE, VILLARREAL R, DAVIS MR. 1994. Light reflectance characteristics and remote sensing of Big Bend loco (*Astragalus mollissimus* var. *earlei*) and Wooton loco (*Astragalus wootonii*). Weed Sci. 42(1):115-22.
204. GOULD FW. 1975. The grasses of Texas. College Station (TX): Texas A&M University Press. 653 p.
205. GREEN AW. 1973. The ecology, morphology, and distribution of *Hechtia scariosa* in the Big Bend National Park, including a brief history of the area [MSc thesis]. Alpine (TX): Sul Ross University. 117 p.
206. HARTEN JB, EICKMEIER WG. 1987. Comparative desiccation tolerance of three desert pteridophytes: response to long-term desiccation. Am. Midl. Nat. 118(2):337-47.
207. HEIL KD. 1984. Recovery plan for the Davis' green pitaya *Echinocereus viridiflorus* Engelm. var. *davisii* (Houghton) L. Benson. Albuquerque (NM): U.S. Fish and Wildlife Service. 34 p.
208. HEIL KD. 1984. Recovery plan for the Nellie Cory cactus (*Coryphantha minima* Baird). Albuquerque (NM): U.S. Fish and Wildlife Service. 34 p.
209. HEIL KD, BRACK S. 1988. The cacti of Big Bend National Park. Cactus Succulent J. 60(1):17-34.
210. HEIL KD, BRACK S. 1989. Lloyd's mariposa cactus (*Neolloydia mariposensis*) recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 47 p.
211. HEIL KD, BRACK S. 1990. Bunched cory cactus (*Coryphantha ramillosa*) recovery plan, 1989. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 49 p.
212. HENDERSHOTT AJ. 1992. Distribution and plant association of the threatened Chisos pitaya (*Echinocereus chisoensis*) in Big Bend National Park, Texas. Located at: Big Bend National Park.
213. HERNANDEZ HM, BARCENAS RT. 1995. Endangered cacti in the Chihuahuan Desert, I: distribution patterns. Conserv. Biol. 9(5):1176-88.
214. HILL G, GUM S, JOURNET A. 1992. The distribution and vegetation and substrate associations of *Euphorbia chaetocalyx* in Big Bend National Park, Texas. 12 p. Located at: Big Bend National Park.
215. HODGSON WJ. 1992. Investigations into the distribution and status of *Agave glomeruliflora* (Engelm.) Berger in Big Bend National Park. In: Investigator's annual report. Located at: Big Bend National Park.
216. JONES RW, CATE JR, BURKE HR. 1989. Phenology and ecology of wild cotton (Malvales: Malvaceae) and the boll weevil (Coleoptera: Curculionidae) in Tamaulipas, México. J. Econ. Entomol. 82(6):1626-32.
217. JONES SD, JONES GD. 1993. A new species of *Carex* (Cyperaceae: Triquetrae) from the Chisos Mountains, Texas, and a key to species of section Triquetrae. SIDA Contrib. Bot. 15(3):509-18.
218. KEENEY T. 1987. Texas snowbells (*Styrax texana*) recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service. 53 p.
219. KEENEY T. 1987. Tobusch fishhook cactus (*Ancistrocactus tobuschii*) recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service. 40 p. Available from: Fish and Wildlife Reference Service; MIN nr 808780239.
220. KENNEDY K. 1994. Little Aguja pondweed (*Potamogeton clystocarpus*) recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service,

- Region 2. 78 p. Available from: Fish and Wildlife Reference Service; MIN nr 809480078.
221. KENNEDY K, POOLE JM. 1993. Chisos Mountain hedgehog cactus (*Echinocereus chisoensis* var. *chisoensis*) recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service. 60 p.
 222. KRUCKEBERG AR, RODMAN JE, WORTHINGTON RD. 1982. Natural hybridization between *Streptanthus arizonicus* and *S. carinatus* (Cruciferae). Syst. Bot. 7(3):291-9.
 223. KUBAN JF. 1983. Pollination biology of *Agave havardiana* Trel. Located at: Big Bend National Park.
 224. KUBAN JF, JR. 1989. The pollination biology of two populations of Big Bend century plant, *Agave havardiana* Trel.: a multiple pollinator syndrome with floral specialization for large vertebrate pollinators [dissertation]. [Syracuse (NY)]: Syracuse University. 187 p.
 225. KURZ DR. 1979. Cacti of Big Bend National Park, Texas [MA thesis]. Carbondale (IL): Southern Illinois University. 182 p.
 226. LACKEY J. 1976. Locoweed (*Astragalus*) in Big Bend poisoning of cattle. Cattleman 63(4):62.
 227. LEUCK EE II. 1980. Biosystematic studies in the *Echinocereus viridiflorus* complex. Norman (OK): University of Oklahoma. 115 p. Available from: University Microfilms International.
 228. LONARD RI. 1993. Guide to grasses of the Lower Rio Grande Valley, Texas. Edinburg (TX): University of Texas-Pan American Press. 240 p.
 229. LOTT EJ. 1979. Variation and interrelationships of *Aquilegia* populations of Trans-Pecos Texas [MSc thesis]. Alpine (TX): Sul Ross State University. 137 p.
 230. MAGILL RE. 1975. The mosses of Big Bend National Park: a phytogeographic study [dissertation]. College Station (TX): Texas A&M University. 153 p.
 231. MAGILL RE. 1976. Mosses of Big Bend National Park. Bryologist 79(3):269-95.
 232. MAYFIELD MH. 1993. New combinations in *Chamaesyce* A. Gray (Euphorbiaceae) from Texas and the Chihuahuan Desert. Phytologia 75(2):178-83.
 233. MOHLENBROCK MW. 1982. *Hechtia scariosa*--a Chihuahuan Desert bromeliad: description, kinship, Texas. J. Bromeliad Soc. 32(4):156-8.
 234. MOORE WO. 1962. The *Echinocereus enneacanthus -dubius-stramineus* complex (Cactaceae). Brittonia 19:77-94.
 235. NEILL RL, ALLEN TM. 1979. Concentrated avian utilization of an early flowering century plant (*Agave havardiana*). In: Linn RM, editor. Proceedings of the 1st Conference on Scientific Research in the National Parks; 1976 Nov 9-12; New Orleans, LA. Washington: U.S. Government Printing Office. (Transactions and proceedings series (United States. National Park Service): 5) p 475-8.
 236. NESOM GL. 1992. A new species of *Castilleja* Scrophulariaceae from southcentral Texas with comments on other Texas taxa. Phytologia 72(3):209-30.
 237. NESOM GL. 1992. A new species of *Nama* from the Cuatro Ciénegas area of Coahuila México. Phytologia 73(1):61-3.
 238. O'NEIL EW III. 1971. An ecological investigation of the giant dagger (*Yucca carnerosana*) in Big Bend National Park, Brewster County, Texas [MSc thesis]. Alpine (TX): Sul Ross State University. 85 p.
 239. PEASE DC. 1939. A study of the constituents of Big Bend locoweed, *Astragalus earlei* [dissertation]. New York: Columbia University. 18 p.
 240. PESLAK J. 1990. Mistletoe. Tex. Parks Wildl. 1990(Dec):38-41.
 241. POOLE JM. 1988. Ashy dogweed (*Thymophylla tephroleuca*) recovery plan. [Albuquerque (NM)]: U.S. Fish and Wildlife Service. 46 p. Available from: Fish and Wildlife Reference Service; MIN nr 808880092.
 242. POOLE JM. 1988. Johnston's frankenia (*Frankenia johnstonii* Correll) recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service. 49 p. Available from: Fish and Wildlife Reference Service; MIN nr 809080077.

B. 2. NON-WOODY PLANTS

243. POOLE JM. 1989. Status report on *Festucaligulata*. Austin (TX): Texas Parks and Wildlife Department, Texas Natural Heritage Program. 32 p.
244. POOLE JM. 1994. Terlingua Creek cat's-eye (*Cryptantha crassipes*) recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 69 p.
245. POWELL AM. 1963. An emended description of the monotypic genus *Bartlettia* A. Gray (Senecioneae) with distributional notes. Southwest. Nat. 8:117-20.
246. POWELL AM. 1967. Novelties in *Perityle* (Compositae). SIDA Contrib. Bot. 3:177-80.
247. POWELL AM. 1968. Chromosome numbers in *Perityle* and related genera (Peritylinae-Compositae). Am. J. Bot. 55:820-8.
248. POWELL AM. 1969. Taxonomy of *Perityle* section *Pappothrix* (Compositae). Rhodora 71:58-93.
249. POWELL AM. 1970. Natural intersectional hybridization in *Perityle* (Compositae). Brittonia 22:3-10.
250. POWELL AM. 1972. A new species of *Argemone* (Papaveraceae) from Mexico. Southwest. Nat. 17: 106-7.
251. POWELL AM. 1973. Taxonomy of *Pericome* (Compositae-Peritylinae). Southwest. Nat. 18: 335-9.
252. POWELL AM. 1973. Taxonomy of *Perityle* section *Laphamia* (Compositae). SIDA Contrib. Bot. 5:61-128.
253. POWELL AM. 1974. Taxonomy of *Perityle* section *Perityle* (Compositae-Peritylinae). Rhodora 76:229-306.
254. POWELL AM. 1976. New gypsophilic species in *Pseudoclappia* and *Sartwellia* (Asteraceae) from West Texas and eastern Chihuahua. SIDA Contrib. Bot. 6:317-20.
255. POWELL AM. 1976. A new species of *Perityle* (Asteraceae) from Coahuila, México. SIDA Contrib. Bot. 6:311-2.
256. POWELL AM. 1978. Systematics of *Flaveria* (Flaveriinae-Asteraceae). Ann. Mo. Bot. Gard. 65:590-636.
257. POWELL AM. 1983. *Perityle* (Asteraceae), new species and notes. Madrono 30:217-25.
258. POWELL AM. 1994. Grasses of the Trans-Pecos and adjacent areas. Austin (TX): University of Texas Press. 377 p.
259. POWELL AM. 1995. Second generation experimental hybridizations in the *Echinocereus* x *lloydii* complex (Cactaceae), and further documentation of dioecy in *E. coccineus*. Plant Syst. Evol. 196:63-74.
260. POWELL AM, AVERETT J. 1967. Chromosome numbers of *Chamaesaracha* (Solanaceae) in Trans-Pecos Texas and adjacent regions. SIDA Contrib. Bot. 3:156-62.
261. POWELL AM, SIKES S. 1970. Chromosome numbers of some Chihuahuan Desert Compositae. Southwest. Nat. 15:175-86.
262. POWELL AM, SIKES S. 1975. On the origin of polyploidy in *Perityle rupestris* (Asteraceae). Sci. Biol. J. 1:132-7.
263. POWELL AM, TOMB AS. 1977. Cytotypes in *Cevallia sinuata* (Loasaceae). Southwest. Nat. 21:433-41.
264. POWELL AM, ZIMMERMAN AD, HILSENBECK RA. 1991. Experimental documentation of natural hybridization in Cactaceae: origin of Lloyd's hedgehog cactus, *Echinocereus* x *lloydii*. Plant Syst. Evol. 178:107-22.
265. RALSTON BE. 1987. A biosystematic study of the *Opuntia schottii* complex (Cactaceae) in Texas [MSc thesis]. [Alpine (TX)]: Sul Ross State University. 64 p.
266. RALSTON BE, HILSENBECK RA. 1992. *Opuntia densispina* (Cactaceae): a new club cholla from the Big Bend region of Texas. Madrono 39(4):281-4.
267. RISKIND DH. 1974. Rare and endangered cacti of Texas: a preliminary listing. 4 p. Located at: Big Bend National Park.
268. SHREVE F. 1942. Grassland and related vegetation in northern Mexico. Madrono 6:190-8.
269. SMITH DW. 1972. A checklist of the cacti of Big Bend National Park. Located at: Big Bend National Park.

270. SMITH DW. 1973. A taxonomic and distributional study of the Cactaceae in Brewster County, Texas [MA thesis]. Alpine (TX): Sul Ross State University. 95 p.
271. SMITH EL. 1978. Bromeliads in Big Bend National Park. Bromeliad Soc. J. 28(3):99-101.
272. SOUTHWICK L, MABRY TJ, AVERETT J, POWELL AM. 1972. Penduletin 4'-O-methyl ether, a new flavonoid from *Perityle vaseyi* (Compositae). Phytochemistry (Oxf.) 11:2351.
273. THOMPSON HJ, POWELL AM. 1981. Loasaceae of the Chihuahuan Desert region. Phytologia 49:16-32.
274. TURNER BL, POWELL AM. 1972. A new gypsophilic *Sophora* (Leguminosae) from northcentral Mexico and adjacent Texas. Phytologia 22:419-23.
275. U.S. FISH AND WILDLIFE SERVICE. 1987. Endangered and threatened wildlife and plants: proposed threatened status for *Echinocereus reichenbachii* var. *chisoensis*. Proposed rules (50 CFR Part 17). Fed. Regist. 52(128):25275-7.
276. VAN AUKEN OW, BUSH JK. 1992. Factors influencing the density and distribution of *Selaginella lepidophylla* in the Black Gap area of the Chihuahuan desert of western Texas. Southwest. Nat. 37(3):274-9.
277. WARNOCK BH. 1970. Wildflowers of the Big Bend country, Texas. Alpine (TX): Sul Ross State University. 157 p.
278. WARNOCK BH. 1974. Wildflowers of the Guadalupe Mountains and the sand dune country, Texas. Alpine (TX): Sul Ross State University. 176 p.
279. WARNOCK BH. 1977. Wildflowers of the Davis Mountains and Marathon Basin Texas. Alpine (TX): Sul Ross State University. 276 p.
280. WAUER RH. 1970. Cactaceae (other than *Opuntia*) of Big Bend National Park, Texas. 30+ p. Located at: Big Bend National Park.
281. WAUER RH. [date unknown]. Cacti of Big Bend National Park, Texas. 30+ p. Located at: Big Bend National Park.
282. WEEDIN JF, POWELL AM. 1978. Chromosome numbers in Chihuahuan Desert Cactaceae: Trans-Pecos, Texas. Am. J. Bot. 65(5):531-7.
283. WEEDIN JF, POWELL AM, KOLLE DO. 1989. Chromosome numbers in Chihuahuan Desert Cactaceae--II: Trans-Pecos counts. Southwest. Nat. 34:160-4.
284. WENIGER D. 1979. Status report on *Neolloydia mariposensis*. 13 p. Located at: National Park Service, Southwest Support Office.
285. WENIGER D. 1984. Cacti of Texas and neighboring states: a field guide. Austin (TX): University of Texas Press. 356 p.
286. WETMORE CM. 1976. Macrolichens of Big Bend National Park, Texas. Bryologist 79(3):296-313.
287. WETMORE CM. 1977. Lichens of Big Bend National Park, Texas. 4 p. Located at: Big Bend National Park.
288. WHEELER LC. 1940. Dichapetalaceae et Euphorbiaceae novae. Proc. Biol. Soc. Wash. 53:7-11.
289. WILLIAMS JS. 1970. Postclimax grasses on rubble-clay strata of the Mesilla Valley of Texas. Tex. J. Sci. 21(3):308-10.
290. WORTHINGTON RD. 1986. Observations on the flowering of cacti from the vicinity of El Paso, Texas. Cactus Succulent J. 58:213-7.
291. WORTHINGTON RD. 1990. Additions to the flora of Texas from El Paso County. SIDA Contrib. Bot. 14(1):135-7.
292. WORTHINGTON RD. 1990. Effects of El Paso pollutants on the lichen, moss, and winter annual flora on andesite rock formations. In: Ganster P, Walter H, editors. Environmental hazards and bioresource management in the United States-Mexico borderlands. Los Angeles: University of California, Latin American Center Publications. p 105-15.

3. Woody Plants

293. ALEX BL, STEWART SE. 1988. A survey of the hydrophilous trees along a three-mile section of Cottonwood Creek, Big Bend National Park, Texas. 9 p. Located at: Big Bend National Park.
294. BAILEY DK, HAWKSWORTH FG. 1983. Pinaceae of the Chihuahuan desert region Texas, Mexico: *Pinus*

B. 2. NON-WOODY PLANTS

- spp., *Abies durangensis* var. *coahuilensis*, *Pseudotsuga menziesii* var. *glauca*. *Phytologia* 53(3):226-34.
295. BOGUSCH ER. 1952. Brush invasion in the Rio Grande plain of Texas. *Tex. J. Sci.* 4(1):85-91.
 296. BOVEY RW, BAUR JR, MORTON HL. 1970. Control of huisache and associated species in South Texas. *J. Range Manage.* 23:47-50.
 297. BUSH JK, VAN AUKEN OW. 1986. Light requirements of *Acacia smallii* and *Celtis laevigata* in relation to secondary succession on floodplains of South Texas. *Am. Midl. Nat.* 115:118-22.
 298. DONOHUE GS. 1991. Native and cultivated shrubs of the Magic Valley. Penitas (TX): Chapparal Garden Press. 60 p.
 299. DREW LG, editor. 1973-75. Tree-ring chronologies of western America. II, Arizona, New Mexico, Texas. Tucson (AZ): University of Arizona, Laboratory of Tree-Ring Research. (University of Arizona. Laboratory of Tree-Ring Research. Chronology series 1: 2) 46 p.
 300. FLEMING CM. 1989. Status report on *Tamarix* in Big Bend National Park. In: Kunzmann MR, Johnson RR, Bennet PS, technical coordinators. Tamarisk control in southwestern United States. Proceedings of Tamarisk Conference; 1987 Sep 2-3; University of Arizona. Tucson (AZ): National Park Service. p 33-5.
 301. GARDNER JL. 1951. Vegetation of the creosotebush area of the Rio Grande valley in New Mexico. *Ecol. Monogr.* 21:379-403.
 302. IDEKER J. 1985. Checklist of woody plants native to the Lower Rio Grande Valley of Texas. *Sabal* 2(6):16.
 303. KENNEDY K, POOLE JM. 1992. Hinckley oak (*Quercus hinckleyi*) recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 39 p. Available from: Fish and Wildlife Reference Service; MIN nr 809280159.
 304. LAMB SH. 1971. Woody plants of New Mexico and their value to wildlife. [Santa Fe (NM)]: [New Mexico Dept. of Game and Fish]. Project nr New Mexico W-014-C. (New Mexico. Dept. of Game and Fish. Bulletin: 14) 80 p. Available from: Fish and Wildlife Reference Service; MIN nr 307320210.
 305. LONARD RI, EVERITT JH, JUDD FW. 1991. Woody plants of the Lower Rio Grande Valley, Texas. Austin (TX): University of Texas at Austin, Texas Memorial Museum. (Miscellaneous publications (Texas Memorial Museum): 7) 179 p.
 306. LONARD RI, JUDD FW. 1985. Effects of a severe freeze on native woody plants in the Lower Rio Grande Valley, Texas. *Southwest. Nat.* 30:397-403.
 307. LONARD RI, JUDD FW. 1991. Comparison of the effects of the severe freezes of 1983 and 1989 on native woody plants in the Lower Rio Grande Valley, Texas. *Southwest. Nat.* 36:213-317.
 308. LONARD RI, JUDD FW. 1993. Phytogeography of the woody flora of the Lower Rio Grande Valley, Texas. *Tex. J. Sci.* 45(2):133-47.
 309. MILLER DJ, POWELL AM. 1983. Status report on *Brongniartia minutifolia*. 7 p. Located at: Big Bend National Park.
 310. MOIR WH. 1980. Forest and woodland vegetation monitoring, Chisos Mountains, Big Bend National Park, Texas: baseline 1978. [Alpine (TX)]: [Chihuahuan Desert Research Institute]. (CDRI contribution: 83) 51 p.
 311. POWELL AM. 1988. Trees and shrubs of Trans-Pecos Texas including Big Bend and Guadalupe Mountains national parks. Big Bend National Park (TX): Big Bend Natural History Association, Inc. 536 p.
 312. POWELL J, BOX TW. 1966. Brush management influences forage value of South Texas woody plants. *J. Range Manage.* 19:212-4.
 313. POWELL J, BOX TW. 1966. Brush management influences preference values of South Texas woody species for deer and cattle. *J. Range Manage.* 18:247-50.
 314. POWELL J, BOX TW. 1967. Mechanical control and fertilization as brush management practices affect forage production in South Texas. *J. Range Manage.* 20:227-36.
 315. REID N, MARROQUIN J, BEYER-MUENZEL P. 1990. Utilization of shrubs and trees for browse, fuelwood and timber in the Tamaulipan thornscrub,

- northeastern Mexico. *For. Ecol. Manage.* 36(1):61-80.
316. ROBINSON JL. 1969. Forest survey of Guadalupe Mountains, Texas [MSc thesis]. Albuquerque (NM): University of New Mexico. 71 p.
 317. ROBINSON TW. 1965. Introduction, spread and areal extent of saltcedar (*Tamarix*) in the western states. Washington: U.S. Government Printing Office. Geological Survey (U.S.) professional paper 491-A. (Studies in evapotranspiration) 12 p.
 318. SCHULMAN E. 1951. Dendrochronology in Big Bend National Park, Texas. *Tree-Ring Bull.* 18(2-3):18-27.
 319. SCHULMAN E. 1954. Rio Grande chronologies. *Tree-Ring Bull.* 1954:20-33.
 320. SHAFROTH PB, FRIEDMAN JM, ISCHINGER LS. 1995. Effects of salinity on establishment of *Populus fremontii* (cottonwood) and *Tamarix ramosissima* (saltcedar) in southwestern United States. *Great Basin Nat.* 55(1):58-65.
 321. SNEED NL, HIGGINS SM, JOURNET A. 1992. The distribution and vegetation relationships of *Brongniartia minutifolia* in Big Bend National Park, Texas. 10 p. Located at: Big Bend National Park.
 322. SPRINGFIELD HW. 1970. Germination and establishment of fourwing saltbush in the Southwest. Fort Collins (CO): U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. (USDA Forest Service research paper RM: 55) 48 p.
 323. STANDLEY PC. 1920-26. Trees and shrubs of Mexico. Washington: U.S. Government Printing Office. (Contributions from the United States National Herbarium: 23) 1723 p.
 324. STOKES MA. 1966. Tree-ring data, Big Bend National Park. 15 p. Located at: Big Bend National Park.
 325. STOKES MA, DREW LG, STOCKTON CW, editors. 1973. Tree-ring chronologies of western America. I, Selected tree-ring stations. Tucson (AZ): University of Arizona. Laboratory of Tree-Ring Research. (University of Arizona. Laboratory of Tree-Ring Research. Chronology series 1: 1) 87 p.
 326. SUL ROSS STATE COLLEGE, TEXAS AGRICULTURAL EXTENSION SERVICE, AMERICAN SOCIETY OF RANGE MANAGEMENT, sponsors. 1968. Proceedings creosotebush in-depth conference; 1968 Oct 4; Alpine, TX. Alpine: Sul Ross State University. 27 p.
 327. VAN AUKEN OW, FORD AL, STEIN A. 1979. A comparison of some woody upland and riparian plant communities of the southern Edwards Plateau. *Southwest. Nat.* 24:115-80.
 328. VINES RA. 1960. Trees, shrubs, and woody vines of the Southwest. Austin (TX): University of Texas Press. 1104 p.
 329. WAUER RH. 1971. Oaks of Big Bend National Park. 2 p. Located at: Big Bend National Park.
 330. WEST J, YOUNGER V. 1986. Evolution of guayule and relatives in the Chihuahuan Desert. Alpine (TX): Chihuahuan Desert Research Institute. (Contributed papers of the 2nd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico: 8) 5 p.

C. Invertebrate Zoology

1. General Invertebrate Zoology

331. BAKER RH. 1938. A preliminary investigation of the insects of the proposed Big Bend National Park, Brewster County, Texas [MSc thesis]. College Station (TX): Texas A&M University. 78 p.
332. BEQUAERT JC. 1966. The molluscan fauna of the Guadalupe Mtns., in Culberson Co., Texas. Located at: Carlsbad Caverns National Park headquarters.
333. DALL WH. 1897. Report on the mollusks collected by the International Boundary Commission of the United States and Mexico, 1892-1894. Proc. U.S. Nat. Mus. 19:333-79.
334. IKENGA JO, RICHESON JV. 1984. *Trypanosoma cruzi* (Chagas) (Protozoa: Kinetoplastida: Trypanosomatidae) in invertebrate and vertebrate hosts from Brewster County in Trans-Pecos Texas. J. Econ. Entomol. 77(1):126-9.
335. LEA I. 1857. Description of six new species of freshwater and land shells of Texas and Tamaulipas, from the collection of the Smithsonian Institution. Proc. Acad. Nat. Sci. Phila. 1857:101-2.
336. METCALF AL. 1977. Some Quaternary molluscan faunas from the northern Chihuahuan Desert and their paleoecological implications. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct. 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 53-66.
337. METCALF AL, JOHNSON WE. 1971. Gastropods of the Franklin Mountains, El Paso County, Texas. Southwest. Nat. 16:85-109.
338. PHILLIPS JW. 1993. Insects and ecology at Big Bend. 100+ p. Located at: National Park Service, Southwest Support Office.
339. VAN PELT AF. 1970. Status report on insect investigations in Big Bend National Park. 6 p. Located at: Big Bend National Park.
340. VAN PELT AF. 1989. An annotated list of the insects of Big Bend National Park, Texas. 200+ p. National Park Service. Located at: Big Bend National Park.
341. VAN PELT AF. 1990. Insects of Big Bend National Park, Texas. 200+ p. Located at: Big Bend National Park.
342. VAN PELT AF. 1992. Invertebrates of Big Bend National Park. 21 p. Located at: Big Bend National Park.
343. VAN PELT AF. 1995. An annotated inventory of the insects of Big Bend National Park, Texas. [Brewster County (TX)]: Big Bend Natural History Association. 152 p.
344. ALLEN CR, PHILLIPS SA, TROSTLE MR. 1993. Range expansion by the ecologically disruptive red imported fire ant (Hymenoptera: Formicidae) into the Texas Rio Grande valley. Southwest. Entomol. 18(4):315-6.
345. ANDERSON RS. [19--]. Curculionoidea of Big Bend National Park, Texas. 4 p. Located at: Big Bend National Park.
346. ANDERSON RS. 1983. Coleoptera (exclusive of Curculionoidea) of Big Bend National Park, Texas. 2 p. Located at: Big Bend National Park.
347. ANDERSON RS. 1993. A new species of *Leptopinar* O'Brien from West Texas. Coleopt. Bull. 47(2): 203-6.
348. ARNETT RH, JR. 1965. Species of Oedemeridae of the Big Bend region of Texas. Proc. U.S. Nat. Mus. 118(3523):47-56.
349. ASHE JS, NEWTON AF, JR. 1993. Larvae of Trichophya and phylogeny of the tachyporine group of subfamilies (Coleoptera: Staphylinidae) with a review, new species and characterization of the Trichophyinae. Syst. Entomol. 18(4):267-86.

2. Terrestrial Invertebrate Zoology

350. BERRY RL. 1974. New species of *Cryptadius* from Texas and Sonora (Coleoptera: Tenebrionidae). Proc. Entomol. Soc. Wash. 76(2):172-7.
351. BLANCHARD A. 1966. A new species of *Glaucina* (Geometridae) from Texas. J. Lepid. Soc. 20(4):247-50.
352. BLANCHARD A. 1968. New moths from Texas (Noctuidae: Tortricidae). J. Lepid. Soc. 22(3):133-45.
353. BLANCHARD A. 1971. A new species in the genus *Ursia* Barnes & McDunnough (Lepidoptera: Notodontidae). Proc. Entomol. Soc. Wash. 73(3):303-5.
354. BLANCHARD A. 1972. More new moths from Texas (Noctuidae). J. Lepid. Soc. 26(1):56-63.
355. BLANCHARD A. 1973. Observations on some Phycitinae (Pyralidae) of Texas with descriptions of two new species. J. Lepid. Soc. 24(4):249-55.
356. BLANCHARD A. 1973. Record and illustration of some interesting moths flying in Texas (Sphingidae, Ctenuchidae, Noctuidae, Notodontidae, Geometridae, Pyralidae, Cossidae). J. Lepid. Soc. 27(2):103-9.
357. BLANCHARD A. 1973. Two new species of Phycitinae from Texas with description of two new genera (Pyralidae). J. Lepid. Soc. 27(3):219-25.
358. BLANCHARD A. 1979. Five new species of the tribe Eucosmini (Tortricidae). J. Lepid. Soc. 33(4):209-15.
359. BLANCHARD A, FRANCLEMONT JG. 1981. *Charadra ingenua* Smith in West Texas (Lepidoptera: Noctuidae: Pantheinae). Proc. Entomol. Soc. Wash. 83(4):797-8.
360. BLANCHARD A, FRANCLEMONT JG. 1982. A new species of *Zale* Hubner from Texas and New Mexico (Lepidoptera: Noctuidae: Catacalinae). Proc. Entomol. Soc. Wash. 84(1):134-7.
361. BLANCHARD A, KNUDSON EC. 1981. Two new species of *Eucosma* Hubner (Tortricidae) from Texas. J. Lepid. Soc. 35(3):173-8.
362. BLANCHARD A, KNUDSON EC. 1983. New North American species of Eucosmini (Lepidoptera: Tortricidae). Proc. Entomol. Soc. Wash. 85(4):845-52.
363. BLANCHARD A, KNUDSON EC. 1984. A new species of *Tripudia* Grote (Lepidoptera: Noctuidae) from western Texas. Proc. Entomol. Soc. Wash. 86(3):639-42.
364. BLANCHARD A, KNUDSON EC. 1984. Three new Tortricids (Lepidoptera) from Texas. Proc. Entomol. Soc. Wash. 86(2):446-51.
365. BLANCHARD A, KNUDSON EC. 1985. New U.S. records and other interesting moths from Texas. J. Lepid. Soc. 39(1):1-8.
366. BLANCHARD A, KNUDSON EC. 1985. Two new Phycitinae (Lepidoptera: Pyralidae) from Texas and Alabama. Proc. Entomol. Soc. Wash. 87(2):475-9.
367. BLANCHARD A, KNUDSON EC. 1985. Two new species of *Hexorthodes* (Lepidoptera: Noctuidae) from Texas and Arizona. Proc. Entomol. Soc. Wash. 87(4):777-82.
368. BLANCHARD A, KNUDSON EC. 1987. Note: *Ethmia angustalatella* Powell (Lepidoptera, Oecophoridae) description of the female and first U.S. records. Proc. Entomol. Soc. Wash. 87(3):680-1.
369. BOLDT PE, ROBBINS TO. 1990. Phytophagous and flower-visiting insect fauna of *Baccharis salicifolia* (Asteraceae) in the southwestern United States and northern Mexico. Environ. Entomol. 19(3):515-23.
370. BOLDT PE, ROBBINS TO. 1994. Phytophagous insect faunas of *Baccharis salicina*, *B. pteronioides*, and *B. bigelovii* (Asteraceae) in the southwestern United States and northern Mexico. Environ. Entomol. 23(1):47-57.
371. CLARK WE. 1972. Report on weevils (Coleoptera: Curculionidae) collected in the Big Bend National Park, Texas. 2 p. Located at: Big Bend National Park.
372. CLARK WE, IBARRA-DIAZ GE, VAN CLEAVE HW. 1976. Taxonomy and biology of spittlebugs of the genera *Aeneolamia* Fennah and *Prosapia* Fennah (Cercopidae) in northeastern Mexico. Folia Entomol. Mex. 34:13-24.
373. CRAWFORD CS. 1976. Feeding-season production in the desert millipede *Orthoporus ornatus* (Girard) (Diplopoda). Oecologia 24:265-76.
374. CRAWFORD CS, MATLACK MC. 1979. Water relations of desert millipede larvae, larva-

374. CRAWFORD CS, MATLACK MC. 1979. Water relations of desert millipede larvae, larva-containing pellets, and surrounding soil. *Pedobiologia* 19:48-55.
375. DANKA RG, WILLIAMS JL, SUGDEN EA, RIVERA R. 1992. Field tests of an acephate baiting system designed for eradicating undesirable honey bees (Hymenoptera: Apidae). *J. Econ. Entomol.* 85(4):1104-11.
376. FERGUSON DC, BLANCHARD A, KNUDSON EC. 1983. A new genus and species of Geometridae (Lepidoptera) from Big Bend National Park, Texas. *Proc. Entomol. Soc. Wash.* 85(3):552-6.
377. FREEMAN HA. 1952. Two new species of *Megathymus* from Texas and Mexico (Lepidoptera, Rhopalocera, Megathymidae). New York: By order of the trustees of the American Museum of Natural History. (American Museum Novitates: 1593) 9 p.
378. FREEMAN HA. 1964. A new species of *Apodemia* from Texas (Riodinidae). *J. Lepid. Soc.* 18(2):75-7.
379. FREEMAN HA. 1970. A new species of *Piruna* from Texas. *J. Lepid. Soc.* 24(4):247-9.
380. FUCHS TW, HARDING JA. 1976. Seasonal abundance of arthropod predators in various habitats in the Lower Rio Grande Valley of Texas. *Environ. Entomol.* 5(2):288-90.
381. GAUMER GC. 1973. Aestival tiger beetle fauna of Big Bend National Park. *Cicindela* 5(1):13-9.
382. GERTSCH WJ. 1939. Report on a collection of Arachnida from the Chisos Mountains. *Contrib. Baylor Univ. Mus.* 24:17-26.
383. GRISWOLD TL. 1986. Aculeate wasps and bees collected in West Texas. 6 p. Located at: Big Bend National Park.
384. HEDGECOCK AA. 1993. The population genetics of the scorpion *Centruroides vittatus* Say in Texas [MA thesis]. Boone (NC): Appalachian State University. 78 p.
385. HOOK AW. 1981. Nesting biology of *Tanyoprymnus moneduloides* and *Ammatomus icarioides*. *Entomol. Soc. Am. Newsl.* 74(4):409-11.
386. HOOK AW. 1982. Notes on nesting behavior of *Ectemnius centralis* (Cameron) (Hymenoptera: Sphecidae). *Entomol. News* 93(3):75-6.
387. HOOK AW. 1987. Nesting behavior of Texas *Cerceris* digger wasps with emphasis on nest reutilization and nest sharing (Hymenoptera: Sphecidae). *Sociobiology* 13(2):93-118.
388. HOVORE FT, PENROSE RL, NECK RW. 1987. The Cerambycidae or longhorned beetles of southern Texas: a faunal survey (Coleoptera). *Proc. Calif. Acad. Sci.* 44(13):283-334.
389. HOWDEN HF. 1960. A new species of *Phyllophaga* from the Big Bend region of Texas and Coahuila, with notes on other Scarabaeidae of the area. *Can. Entomol.* 92:457-64.
390. HOWDEN HF. 1960. Two species of *Cyrtinus* LeConte (Coleoptera: Cerambycidae). *Can. Entomol.* 92(3):173-7.
391. KENDALL RO. 1972. Three butterfly species (Lycaenidae, Nymphalidae, and Heliconiidae) new to Texas and the United States. *J. Lepid. Soc.* 26(1):49-56.
392. KENDALL RO. 1976. Larval food plants and life history notes for some metalmarks (Lepidoptera: Riodinidae) from Mexico and Texas. Sarasota (FL): Allyn Museum of Entomology. (Bulletin of the Allyn Museum: 32) 12 p.
393. KENDALL RO, MCGUIRE WW. 1984. Some new and rare records of Lepidoptera found in Texas. Gainesville (FL): University of Florida, Florida State University. (Bulletin of the Allyn Museum: 86) 49 p.
394. KNULL JN. 1944. Notes on *Agrilus* with descriptions of two new species. *Ann. Entomol. Soc. Am.* 37(1):75-83.
395. KNULL JN. 1952. New species of North American Buprestidae (Coleoptera). *Ohio J. Sci.* 52(6):349-52.
396. KNULL JN. 1960. A new subspecies of *Agrilus* from Texas (Coleoptera: Buprestidae). *Ohio J. Sci.* 60(6):321-2.
397. KNULL JN. 1962. Three new species of long-horned beetles from southern Texas with a key to the genus *Obrium* (Coleoptera: Cerambycidae). *Ohio J. Sci.* 62(2):105-7.
398. LOOMIS RB, BACCUS JT, WRENN WJ. 1972. The chiggers (Acarina: Trombiculidae) of Big Bend

- National Park, Texas. 17 p. Located at: Big Bend National Park.
399. LOOMIS RB, CROSSLEY DA, JR. 1963. New species and new records of chiggers (Acarina: Trombiculidae) from Texas. *Acarologia* (Paris) 5(3):371-83.
 400. MCELVARE RR. 1966. New heliothid moth from the southwestern United States (Noctuidae). *J. Lepid. Soc.* 20(2):91-4.
 401. NELSON JM, CROWELL R. 1969. Notes on the nests and nesting habits of *Polistes* (Hymenoptera: Vespidae) in Big Bend National Park, Texas. *Proc. West Va. Acad. Sci.* 1969:57-60.
 402. NORMAN C. 1986. Mexico acts to protect overwintering monarchs. *Science* 233:1252-3.
 403. NUNEZ FS, CRAWFORD CS. 1976. Digestive enzymes of the desert millipede *Orthoporus ornatus* (Girard) (Diplopoda: Spirostreptidae). *Comp. Biochem. Physiol.* 55A:141-5.
 404. O'BRIEN CW. 1973. *Rhinanus chisosensis*, a new species of cossonine weevil in a genus new to the United States (Coleoptera: Curculionidae). *Coleopt. Bull.* 27(1):7-10.
 405. O'CONNOR BM, WHITAKER JO, EASTERLA DA. 1977. A new species of *Nycteriglyphus* (Acar: Rosensteiniidae) from guano of *Leptonycteris nivalis* (Chiroptera: Phyllostomatidae). *Ann. Entomol. Soc. Am.* 70(2):237-41.
 406. PILSBRY HA, CHEATUM EP. 1951. Land snails from the Guadalupe Range, Texas. *Nautilus* 64:87-90.
 407. PRATT WL. 1969. Checklist of land snails known or believed to occur in Big Bend National Park. Located at: Big Bend National Park.
 408. PRATT WL. 1971. *Humboldtiana agavophila*, a new helminthoglyptid land snail from the Chisos Mountains, Big Bend National Park, Texas. *Southwest. Nat.* 15(4):429-35.
 409. PRATT WL. 1971. Land snails of the Chisos Mountains, Big Bend National Park, Texas. 5 p. Located at: Big Bend National Park.
 410. PRATT WL. 1972. Ecological distribution and zoogeography of the land snails of the Chisos Mountains, Big Bend National Park, Texas [MA thesis]. Arlington(TX): University of Texas at Arlington. 47 p.
 411. PRICE MA. 1958. A new species of tick from the Trans-Pecos region of Texas. *J. Parasitol.* 44(6):649-51.
 412. REYES JL, VALDEZ MT. 1981. Beekeeping in the "Comarca Lagunera" a heavy pesticide-use area in the northern part of Mexico. *Am. Bee J.* 121:653-5.
 413. RIDDLE WA. 1975. Water relations and humidity-related metabolism of the desert snail *Rabdotus schiedeanus* (Pfeiffer) (Bulimulidae). *Comp. Biochem. Physiol.* 51A:579-83.
 414. RIDDLE WA. 1977. Comparative respiratory physiology of a desert snail *Rabdotus schiedeanus*, and a garden snail, *Helix aspersa*. *Comp. Biochem. Physiol.* 56A:369-73.
 415. ROEVER K. 1962. Notes on *Erora* (Lycaenidae). *J. Lepid. Soc.* 16(1):1-4.
 416. RUBINK WL, WILSON WT, RESENDEZ B. JJ, MAKI DL. 1990. Pre-africanized *Apis mellifera* (Hymenoptera: Apidae) swarming dynamics in northeastern Mexico and southern Texas. *J. Kans. Entomol. Soc.* 63(2):288-97.
 417. SANDERSON MW. 1939. A new genus of Scarabaeidae with descriptions and notes on Phyllophaga. *J. Kans. Entomol. Soc.* 12(1):1-15.
 418. SANDERSON MW. 1948. Two undescribed species of *Phyllophaga* from Texas (Coleoptera: Scarabaeidae). *Occas. Pap. Mus. Zool. Univ. Mich.* 504:1-6.
 419. SANDERSON MW. 1965. *Phyllophaga saylori*, n. sp., from Nuevo León, México (Coleoptera: Scarabaeidae). *Proc. Calif. Acad. Sci.* 31(20):559-62.
 420. SCULLEN HA. 1948. New species in the genus *Eucerceris* with notes on recorded species and a revised key to the genus (Hymenoptera: Sphecidae). *Pan-Pac. Entomol.* 24(4):155-80.
 421. SHELLEY RM. 1989. *Rhysodesmus chisosi* new species, a biogeographically significant millipede from the Chisos Mountains, Texas (Polydesmida: Xystodesmidae). *Southwest. Nat.* 34(2):219-24.
 422. SISSOM WD. 1990. Systematics of *Vaejovis dugesi* Pocock, with descriptions of two new related

- species (Scorpiones: Vaejovidae). Southwest. Nat. 35(1):47-53.
423. SISSOM WD, FRANCKE OF. 1981. Scorpions of the genus *Paruroctonus* from New Mexico and Texas (Scorpiones: Vaejovidae). J. Arachnol. 9:93-108.
 424. SMITH BB. 1972. Representatives of the class Arachnida specific to the Big Bend area. 17 p. Located at: Big Bend National Park.
 425. STAHNKE HL. 1956. A new species of scorpion of the Buthidae: *Centruroides pantheriensis*. Entomol. News 67(1):15-9.
 426. STAHNKE HL. 1967. *Diplocentrus bigbendensis*, a new species of scorpion. Entomol. News 78(7): 173-9.
 427. STOCKWELL SA. 1986. The scorpions of Texas (Arachnida, Scorpiones) [MSc thesis]. Lubbock (TX): Texas Tech University. 193 p.
 428. STOPHER DR II. 1995. Quantitative ecology of the terrestrial microgastropod fauna of Laguna Meadow, Big Bend National Park [MSc thesis]. Alpine (TX): Sul Ross State University. 288 p.
 429. SUGDEN EA, MCALLEN RL. 1994. Observations on foraging, population and nest biology of the Mexican honey wasp, *Brachygastra mellifica* (Say) in Texas (Vespidae: Polybiinae). J. Kans. Entomol. Soc. 67(2):141-55.
 430. TAYLOR DW. 1966. A remarkable snail fauna from Coahuila, México. Veliger 9:152-228.
 431. THOMPSON M. 1987. A comparison of West Texas and East Texas populations of *Achurum sumachrastii* [MA thesis]. Huntsville (TX): Sam Houston State University. 61 p.
 432. TINKHAM ER. 1941. Biological and faunistic notes on the Cicadidae of the Big Bend region of Trans-Pecos Texas. J. N. Y. Entomol. Soc. 49:165-83.
 433. TINKHAM ER. 1943. Description and biological notes on a new saturnid of the genus *Pseudohazis* from the Big Bend region of Texas. Can. Entomol. 75(9):159-62.
 434. TINKHAM ER. 1944. Faunistic notes on the diurnal Lepidoptera of the Big Bend region of Trans-Pecos Texas, with the description of a new Melitaea. Can. Entomol. 76:11-8.
 435. TINKHAM ER. 1948. Faunistic and ecological studies on the Orthoptera of the Big Bend region of Trans-Pecos Texas. Am. Midl. Nat. 40(3):521-663.
 436. TRIPLEHORN CA. 1968. Generic classification in Coniotini and a description of a new species of *Eusattus* from Texas. Ann. Entomol. Soc. Am. 61(2):376-80.
 437. TRIPLEHORN CA. 1971. A new species of *Eleodes* from Texas, with notes on the subgenus *Promus* (Coleoptera: Tenebrionidae). Ohio J. Sci. 71(1): 56-9.
 438. VAN PELT AF. 1969. Ants collected in Big Bend National Park. 3 p. Located at: Big Bend National Park.
 439. VAN PELT AF. 1971. Trophobiosis and feeding habits of *Liometopum apiculatum* (Hymenoptera: Formicidae) in the Chisos Mountains, Texas. Ann. Entomol. Soc. Am. 64(5):1186.
 440. VAN PELT AF. 1975. 2100 ant colonies collected from Chisos Mountains, Big Bend National Park, Brewster County, TX. 8 p. Located at: National Park Service, Southwest Support Office.
 441. VAN PELT AF. 1975. Summary report on field collections of ants made in the summers of 1969, 1970, 1971, 1972, and 1975. 8 p. Located at: Big Bend National Park.
 442. VAN PELT AF. 1976. Nest relocation in the ant *Pogonomyrmex barbatus*. Ann. Entomol. Soc. Am. 69(3):493.
 443. VAN PELT AF. [1977]. The ants of the Chisos Mountains, Texas (Formicidae: Hymenoptera). Greensboro (NC): Greensboro College. 25 p.
 444. VAN PELT AF. 1983. Ants of the Chisos Mountains, Texas (Hymenoptera: Formicidae). Southwest. Nat. 28(2):137-42.
 445. VAN PELT AF. 1993. Notes on the termites (Isoptera) of Big Bend National Park, Texas. Southwest. Entomol. 18(2):149-50.
 446. VAN PELT AF, VAN PELT SA. 1972. *Microdon* (Diptera: Syrphidae) in nests of *Monomorium* (Hymenoptera: Formicidae) in Texas. Ann. Entomol. Soc. Am. 65(4):977-8.

447. WERNER FG. 1974. A new genus of primitive Meloidae from West Texas (Coleoptera). *Psyche* 81(1):147-53.
 448. WHITAKER JO, EASTERLA DA, FAIN A. 1987. First record of the mite, *Ewingana (Doreyana) doreyae* Dusbabek 1968 (Acarina, Myobiidae) from the United States with notes on streblid flies from Big Bend National Park, Texas. *Southwest. Nat.* 32(4):505-27.
 449. WHITE BE. 1944. A new *Scelolyperus* and a key to the American species north of Mexico (Coleoptera: Chrysomelidae). *Entomol. News* 55(7):177-80.
 450. WOOTEN RC, JR., CRAWFORD CS. 1975. Food, ingestion rates, and assimilation in the desert millipede *Orthoporus ornatus* (Girard) (Diplopoda). *Oecologia* 20:231-6.
3. Aquatic Invertebrate Zoology
451. [ANONYMOUS]. 1984. Unionids of the lower Rio Grande system, United States, and Mexico. *Annu. Rep. - West. Soc. Malacol.* 16:16.
 452. ALLEN RK, MURVOSH CM. 1987. Mayflies (Ephemeroptera: Tricorythidae) of the southwestern United States and northern Mexico. *Ann. Entomol. Soc. Am.* 80(1):35-40.
 453. ASHBAUGH KM. 1986. Fossil molluscan faunas from four spring-related deposits in the northern Chihuahuan Desert, southern New Mexico and westernmost Texas. Socorro (NM): New Mexico Bureau of Mines & Mineral Resources. (Circular (New Mexico. Bureau of Mines and Mineral Resources): 200) 25 p.
 454. BANE CA, LIND OT. 1978. The benthic invertebrate standing crop and diversity of a small desert stream in the Big Bend National Park, Texas. *Southwest. Nat.* 23(2):215-26.
 455. BELK D. 1975. Key to the Anostraca (fairy shrimps) of North America. *Southwest. Nat.* 20:91-103.
 456. BOWLES DE. 1995. A new species of *Austrotinodes* (Trichoptera: Ecnomidae) from Texas. *J. N. Y. Entomol. Soc.* 103:155-61.
 457. BOWLES DE, FLINT OS, JR. 1996. A review of the genus *Phylloicus* Müller (Trichoptera: Calamoceratidae) in the United States with a redescription of *Phylloicus ornatus* (Banks). In: Holzenthal RW, Flint OS, Jr., editors. *Proceedings of the 8th International Symposium on Trichoptera*; 1995 Jul 9-15; St. Paul, MN. Columbus (OH): Ohio Biological Survey.
 458. CAMPOS-GONZALEZ E, CONTRERAS-BALDERAS S. 1985. First record of *Orconectes virilis* (Hagen) (Decapoda: Cambaridae) from Mexico. *Crustaceana* 49(2):218-9.
 459. COLE GA, BANE CA. 1978. *Thermosphaeroma subequalum*, n. gen., n. sp. (Crustacea: Isopoda) from Big Bend National Park, Texas. *Hydrobiologia* 59(3):223-8.
 460. CONTRERAS-RAMOS A. 1995. A remarkable range extension for the fishfly genus *Dysmicohermes* (Megalopectera: Corydalidae). *Entomol. News* 106(3):123-6.
 461. DAVIS JR. 1980. Species composition and diversity of benthic macroinvertebrate populations of the Pecos River, Texas. *Southwest. Nat.* 25(2):241-56.
 462. DAVIS JR. 1980. Species composition and diversity of benthic macroinvertebrates in the upper Rio Grande, Texas. *Southwest. Nat.* 25(2):137-50.
 463. DAVIS JR. 1980. Species composition and diversity of benthic macroinvertebrates of lower Devil's River, Texas. *Southwest. Nat.* 25(3):379-84.
 464. DAVIS JR. 1996. The creeping water bugs (Hemiptera: Naucoridae) of Texas. *Southwest. Nat.* 41(1):1-26.
 465. GLOYD LK. 1958. The dragonfly fauna of the Big Bend region of Trans-Pecos Texas. *Occas. Pap. Mus. Zool. Univ. Mich.* 593:1-23.
 466. GREEN TM. 1993. A distributional analysis of aquatic invertebrates of McKittrick Creek of the Guadalupe Mountains National Park, Texas [dissertation]. College Station (TX): Texas A&M University. 276 p.
 467. HEDGPETH JW. 1949. The North American species of *Macrobrachium* (river shrimp). *Tex. J. Sci.* 1:28-38.
 468. HENRY BC, JR. 1993. A revision of *Neochoroterpes* (Ephemeroptera: Leptophlebiidae) new status. *Trans. Am. Entomol. Soc. (Phila.)* 119(4):317-33.

C. 2. TERRESTRIAL INVERTEBRATE ZOOLOGY

469. HOWELLS RG, GARRETT GP. 1995. Freshwater mussel surveys of Rio Grande tributaries in Chihuahua, México. *Triann. Unionid Rep.* 8:10.
470. JONES RH, WIRTH WW. 1958. New records, synonymy, and species of Texas *Culicoides* (Diptera, Heleidae). *J. Kans. Entomol. Soc.* 31(2):81-91.
471. LIND OT. 1982. Biogeographic affinities of benthic communities in isolated desert aquatic ecosystems. In: Davis JR, editor. *Proceedings of the symposium on recent benthological investigations in Texas and adjacent states*. Texas Academy of Science 85th annual meeting; 1982 Mar 4-6; Angelo State University, San Angelo (TX). Austin (TX): Texas Academy of Science. p 69-78.
472. LUGO-ORTIZ CR, MCCAFFERTY WP. 1995. The mayflies (Ephemeroptera) of Texas and their biogeographic affinities. In: Corkum LD, Ciborowski JHH, editors. *Current directions in research on Ephemeroptera*. Toronto: Canadian Scholars' Press. p 151-69.
473. MERRITT RW, CUMMINS KW. 1996. *An introduction to the aquatic insects of North America*. 3rd ed. Dubuque (IA): Kendall/Hunt Pub. Co. 862 p.
474. METCALF AL. 1974. Fossil and living freshwater mussels (Unionacea) from the Pecos River, New Mexico and Texas. *Bull. Am. Malacol. Union Inc.* 39:47-8.
475. METCALF AL. [1978]. *Survey of the mollusks and larger crustaceans of the Rio Grande Valley: Alamito Creek, Presidio County, Texas to Esperanza, Hudspeth County, Texas*. [place unknown]: [publisher unknown]. 42 p.
476. METCALF AL. 1982. Fossil unionacean bivalves from three tributaries of the Rio Grande. In: Davis JR, editor. *Proceedings of the symposium on recent benthological investigations in Texas and adjacent states*. Texas Academy of Science 85th annual meeting; 1982 Mar 4-6; Angelo State University, San Angelo (TX). Austin (TX): Texas Academy of Science. p 43-59.
477. METCALF AL, STERN EM. 1977. Notes on unionacean mollusks of the Rio Grande system, United States and Mexico. *Bull. Am. Malacol. Union Inc.* 1976: 42-3.
478. NECK RW. 1982. Preliminary analysis of the ecological zoogeography of the freshwater mussels of Texas. In: Davis JR, editor. *Proceedings of the symposium on recent benthological investigations in Texas and adjacent states*. Texas Academy of Science 85th annual meeting; 1982 Mar 4-6; Angelo State University, San Angelo (TX). Austin (TX): Texas Academy of Science, Aquatic Sciences Section. p 33-42.
479. NECK RW, METCALF AL. 1988. Freshwater bivalves of the lower Rio Grande, Texas. *Tex. J. Sci.* 40(3):259-68.
480. OLSON JK. 1972. Adult mosquitoes collected in Texas A&M light traps set in Big Bend National Park, Texas. 1 p. Located at: Big Bend National Park.
481. PARFIN SI, GURNEY AB. 1956. The spongilla-flies, with special reference to those of the Western Hemisphere (Sisyridae, Neuroptera). *Proc. U.S. Nat. Mus.* 105(3360):421-529.
482. PENNAK RW. 1989. *Fresh-water invertebrates of the United States: Protozoa to Mollusca*. 3rd ed. New York: John Wiley & Sons, Inc. 628 p.
483. ROBERTS JL. 1989. Systematic-population survey of the micro-organisms from Ernst Tinaja, Big Bend National Park, Texas. 3 p. Located at: Big Bend National Park.
484. SITES RW, BOWLES DE. 1996. *Ambrysus hungerfordi hungerfordi* (Hemiptera: Naucoridae) occurrence in the United States. *J. Kans. Entomol. Soc.* 68(4): 476-8.
485. SITES RW, POLHEMUS JT. 1995. The *Pelocoris* (Hemiptera: Naucoridae) fauna of Texas. *Southwest. Nat.* 40(3):249-54.
486. STRENGTH NE. 1976. A review of the systematics and zoogeography of the freshwater species of *Palaemonetes* Heller of North America (Crustacea: Decapoda). *Smithson. Contrib. Zool.* 228:1-27.
487. TAYLOR DW. 1967. Freshwater mollusks collected by the United States and Mexican boundary surveys. *Veliger* 10:152-8.
488. THOMAS RE. 1982. A field study of the movement behavior of the giant water bug, *Belostoma confusum*, in the Big Bend areas of Texas [MSc

- thesis]. [Alpine (TX)]: Sul Ross State University. [37] p.
489. TINKHAM ER. 1934. The dragonfly fauna of Presidio and Jeff Davis counties of the Big Bend region of Trans-Pecos, Texas. *Can. Entomol.* 66:213-8.
490. WIGGINS GB. 1996. Larvae of the North American caddisfly genera (*Trichoptera*). 2nd ed. Toronto: University of Toronto Press. 457 p.
491. WILHITE HS, ALLISON TC, RICKNER JA. 1982. The diversity and distribution of living mollusks in the lower Laguna Madre of Texas. In: Davis JR, editor. *Proceedings of the symposium on recent benthological investigations in Texas and adjacent states*. Texas Academy of Science 85th annual meeting; 1982 Mar 4-6; Angelo State University, San Angelo (TX). Austin (TX): Texas Academy of Science. p 233-47.
492. WIRTH WW. 1971. Six new North American species of *Probezzia* (Diptera: Ceratopogonidae), with biological notes and a key to species. *Ann. Entomol. Soc. Am.* 64:729-39.

D. Vertebrate Zoology

1. General Vertebrate Zoology

493. AYER MY. 1936. The archaeological and faunal material from Williams Cave, Guadalupe Mountains, Texas. *Proc. Acad. Nat. Sci. Phila.* 88:599-618.
494. GARMAN S. 1881. New and little-known reptiles and fishes in the museum collections. *Bull. Mus. Comp. Zool.* 8:85-93.
495. LEOPOLD AS. 1959. *Wildlife of Mexico: the game birds and mammals*. Berkeley (CA): University of California Press. 568 p.
496. MAXWELL TC. 1996. *Catalog of vertebrates of the Concho Valley region of Texas*. Dubuque (IA): Wm. C. Brown. 111 p.
503. BEDNARZ J. 1975. *Non-game wildlife studies: study of the Pecos gambusia*. New Mexico Dept. of Game and Fish. Project nr N.M. FW-017-R-03/WK.PL.01/ Job 01, Job 02/Fin. 30 p. Available from: Fish and Wildlife Reference Service; MIN nr 307840004.
504. BESTGEN KR, PLATANIA SP. 1988. The ichthyofauna and aquatic habitats of the Rio Grande from the New Mexico-Texas border to Big Bend National Park. A report submitted to the U.S. Fish and Wildlife Service, Office of Endangered Species, Albuquerque, NM. 55 p.
505. BESTGEN KR, PLATANIA SP. 1990. Extirpation of *Notropis simus simus* Cope and *Notropis orca* Woolman (Pisces: Cyprinidae) from the Rio Grande in New Mexico: with notes on their life history. Albuquerque (NM): University of New Mexico. (Occasional papers (University of New Mexico. Museum of Southwestern Biology): 6) 8 p.

2. Fish

497. ALMADA-VILLELA PC. 1990. Status of threatened Mexican fishes. *J. Fish Biol.* 37(Suppl. A):197-9.
498. ANDERSON AA, HUBBS C, WINEMILLER KO, EDWARDS RJ. 1995. Texas freshwater fish assemblages following three decades of environmental change. *Southwest. Nat.* 40(3):314-21.
499. ATKINSON E, JUDD FW. 1978. Comparative hematology of *Lepomis microlophus* and *Cichlasoma cyanoguttatum*. *Copeia* 1978:230-7.
500. BAIRD SF, GIRARD C. 1853. Descriptions of new species of fishes collected by Mr. John H. Clark, on the United States and Mexican Boundary Survey, under Lt. Col. Jas. D. Graham. *Proc. Acad. Nat. Sci. Phila.* 6:387-90.
501. BAIRD SF, GIRARD C. 1854. Descriptions of new species of fishes collected in Texas, New Mexico, and Sonora, by Mr. John H. Clark, on the United States and Mexican Boundary Survey, and in Texas by Capt. Steward Van Vliet, U.S.A. *Proc. Acad. Nat. Sci. Phila.* 7:24-9.
502. BAIRD SF, GIRARD C. 1854. Notice of a new genus of Cyprinidae. *Proc. Acad. Nat. Sci. Phila.* 7:158.
506. BESTGEN KR, PLATANIA SP. 1991. Status and conservation of the Rio Grande silvery minnow *Hybognathus amarus*. *Southwest. Nat.* 36(2):225-32.
507. BESTGEN KR, PROPST DL. 1996. Redescription, geographic variation, and taxonomic status of Rio Grande silvery minnow, *Hybognathus amarus* (Girard, 1856). *Copeia* 1996:41-55.
508. BURR BM. 1976. A review of the Mexican stoneroller, *Campostoma ornatum* Girard (Pisces: Cyprinidae). *Trans. San Diego Soc. Nat. Hist.* 18(7):127-44.
509. BURR BM, MAYDEN RL. 1981. Systematics, distribution and life history notes on *Notropis chihuahua* (Pisces: Cyprinidae). *Copeia* 1981:255-65.
510. BUTH DG, BURR BM. 1978. Isozyme variability in the cyprinid genus *Campostoma*. *Copeia* 1978:298-311.
511. CHERNOFF B, MILLER RR, GILBERT CR. 1982. *Notropis orca* and *Notropis simus*, cyprinid fishes from the American Southwest, with description of

- a new subspecies. Occas. Pap. Mus. Zool. Univ. Mich. 698:1-49.
512. CHILDS MR. 1993. Dynamics of introgressive hybridization between Pecos pupfish (*Cyprinodon pecosensis*) and sheepshead minnow (*C. variegatus*) in the Pecos River, Texas. [Stillwater (OK)]: Oklahoma State University. 60 p.
 513. CIOMPERLIK MA. 1989. Seasonal distribution of the ichthyofauna of Santa Ana National Wildlife Refuge, Alamo, Texas [MSc thesis]. Edinburg (TX): University of Texas-Pan American. 87 p. Available from: University Microfilms International.
 514. COKENDOLPHER J. 1978. *Cyprinodon elegans* (Cyprinodontidae). Am. Curr. 1978(Jan-Mar):6-11.
 515. COLURA RL, BUMGUARDNER BW. 1994. Marine fisheries resource culture and enhancement: determination of selected life history characteristics of snook (*Centropomus undecimalis*) along the Texas coast. Texas Parks and Wildlife Dept. Project nr TX F-036-R/Project 16. 8 p. Available from: Fish and Wildlife Reference Service; MIN nr 429540022.
 516. CONTRERAS-BALDERAS S. 1962. Contribución al conocimiento de la ictiofauna del Río San Juan, provincia del Río Bravo, México [thesis]. Monterrey, México: Universidad de Nuevo León.
 517. CONTRERAS-BALDERAS S. 1967. Lista de peces del estado de Nuevo León. Instituto de Investigaciones Científicas, Universidad de Nuevo León 11:1-12.
 518. CONTRERAS-BALDERAS S. 1969. Perspectivas de la ictiofauna en las zonas aridas del norte de México. In: Box TW, Rojas-Mendoza P, editors. Proceedings: International Symposium on Increasing Food Production in Arid Lands; 1968 Apr 22-25; Monterrey, México. Lubbock (TX): Texas Technological College. (International Center for Arid and Semi-arid Land Studies. ICASALS publication: 3) p 293-304.
 519. CONTRERAS-BALDERAS S. 1972. *Agonostomus monticola* (Bancroft): primer registro de la familia Mugilidae en Nuevo León, México. Cuad. Inst. Invest. Cient. U.A.N.L. (Univ. Auton. De Nuevo León) 16:1-5.
 520. CONTRERAS-BALDERAS S. 1975. Cambios de composición de especies en comunidades de peces de México. Publ. Biol. Inst. Invest. Cienc. U. A. N. L. (Univ. Auton. Nuevo León) 1(7):181-94.
 521. CONTRERAS-BALDERAS S. 1975. Zoogeography and evolution of *Notropis lutrensis* and *Notropis ornatus* in the Rio Grande basin and range, Mexico and United States (Pisces: Cyprinidae) [dissertation]. [New Orleans (LA)]: Tulane University. 146 p.
 522. CONTRERAS-BALDERAS S. 1977. Speciation aspects and man-made community composition changes in Chihuahuan desert fishes. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 405-31.
 523. CONTRERAS-BALDERAS S. 1985. Lista zoogeográfica y ecológica de los peces de Coahuila, México. Memorias 1:156-74.
 524. CONTRERAS-BALDERAS S, LOZANO-VILANO ML. 1994. Water, endangered fishes, and development perspectives in arid lands of Mexico. Conserv. Biol. 8(2):379-87.
 525. CONTRERAS-BALDERAS S, SALINAS VL, GAYTAN TV, OLMOS GR. 1976. Peces, piscicultura, presas, poluci, planificación pesquera y monitoreo en México, o la danza de las P. Mem. Simp. Pesquer. Aguas Continent. 1:315-46.
 526. COOK JA, BESTGEN KR, PROPST DL, YATES TL. 1992. Allozymic divergence and systematics of the Rio Grande silvery minnow, *Hybognathus amarus* (Teleostei: Cyprinidae). Copeia 1992:36-44.
 527. DAVIS JR. 1979. Die-offs of an endangered pupfish, *Cyprinodon elegans* (Cyprinodontidae). Southwest. Nat. 24:534-6.
 528. DAVIS JR. 1980. Rediscovery, distribution, and populational status of *Cyprinodon eximius* (Cyprinodontidae) in Devil's River, Texas. Southwest. Nat. 25(1):81-8.
 529. DEACON JE, KOBETICH G, WILLIAMS JD, CONTRERAS-BALDERAS S and others. 1979. Fishes of North America: endangered, threatened, or of special concern, 1979. Fisheries 4(2):29-44.

530. DE BUEN F. 1940. Lista de peces de agua dulce de México, en preparación de su catálogo. Trab. Estac. Limnol. Patzcuaro 2:1-66.
531. ECHELLE AA, ECHELLE AF. 1978. The Pecos pupfish, *Cyprinodon pecosensis* n. sp. (Cyprinodontidae), with comments on its evolutionary origin. Copeia 1978:569-82.
532. ECHELLE AA, ECHELLE AF, EDDS DR. 1987. Population structure of four pupfish species (Cyprinodontidae: *Cyprinodon*) from the Chihuahuan Desert region of New Mexico and Texas USA: allozymic variation. Copeia 1987(3):668-81.
533. ECHELLE AA, MILLER RR. 1974. Rediscovery and redescription of the Leon Springs pupfish, *Cyprinodon bovinus*, from Pecos County, Texas. Southwest. Nat. 19:179-90.
534. ECHELLE AF, ECHELLE AA. 1994. Assessment of genetic introgression between two pupfish species, *Cyprinodon elegans* and *C. variegatus* (Cyprinodontidae), after more than 20 years of secondary contact. Copeia 1994:590-7.
535. ECHELLE AF, ECHELLE AA, EDDS DR. 1989. Conservaton genetics of a spring-dwelling desert fish, the Pecos gambusia (*Gambusia nobilis*, Poeciliidae). Conserv. Biol. 3:159-69.
536. EDWARDS RJ, CONTRERAS-BALDERAS S. 1991. Historical changes in the ichthyofauna of the lower Rio Grande (Rio Bravo del Norte), Texas and Mexico. Southwest. Nat. 36(2):201-12.
537. EDWARDS RJ, GARRETT GP, HUBBS C. 1993. A biogeographic analysis of the endangered fishes of Texas. Proc. Desert Fishes Council. 24:21.
538. EDWARDS RJ, STURDIVANT TS, LINSKEY CS. 1986. The river goby *Awaous tajasica* (Osteichthyes: Gobiidae) confirmed from the lower Rio Grande, Texas USA and Mexico. Tex. J. Sci. 38(2):191-2.
539. EDWARDS RJ, WOOD MG. 1988. Interactions of an introduced cichlid with the native fauna of the lower Rio Grande, Texas and Mexico. New Waves 1(2):3.
540. EDWARDS RJ, WOOD MG. 1991. Impact and abundance of an introduced cichlid in the lower Rio Grande (Rio Bravo del Norte), Texas and Mexico. Proc. Desert Fishes Council. 22:59.
541. EVERMANN BW, KENDALL WC. 1894. The fishes of Texas and the Rio Grande basin, considered chiefly with reference to their geographic distribution. Bull. U.S. Fish Comm. 12:57-126.
542. FLURY AG. 1959. Fisheries investigations and surveys of the waters of Region 8B: study of the effects of the Mexican banded tetra, *Astyanax fasciatus*, on the largemouth black bass, *Micropterus salmoides*, in small ponds. Texas Parks and Wildlife Dept. Project nr Tex. F-006-R-06/WK.PL.E/Job 05. 3 p. Available from: Fish and Wildlife Reference Service; MIN nr 426742278.
543. FORAN CM, RYAN MJ. 1994. Female-female competition in a unisexual/bisexual complex of mollies. Copeia 1994:504-8.
544. GARRETT GP. 1980. Species specificity in the mating systems of *Cyprinodon variegatus* and *Cyprinodon bovinus*. Proc. Desert Fishes Council. 11:54-9.
545. GARRETT GP. 1980. Update on some of the protected and endangered fishes of Texas. Proc. Desert Fishes Council. 11:34-6.
546. GARRETT GP. 1981. Unusual secondary sex characteristics in *Cyprinodon* or puzzling pupfish patterns. Proc. Desert Fishes Council. 12:41-8.
547. GARRETT GP. 1982. Variation in the reproductive traits of the Pecos pupfish, *Cyprinodon pecosensis*. Am. Midl. Nat. 108:355-63.
548. GARRETT GP. 1995. Agency report for the Texas Parks and Wildlife Department. Proc. Desert Fishes Council. 26:19.
549. GARRETT GP, EDWARDS RJ, PRICE AH. 1992. Distribution and status of the Devils River minnow, *Dionda diaboli*. Southwest. Nat. 37:259-67.
550. GARRETT GP, MATLOCK GC. 1991. Rio Grande cutthroat trout in Texas. Tex. J. Sci. 43(4):405-10.
551. GHOLSON KW. 1969. Fisheries studies, Region 5-A: life history study of the flathead catfish (*Pylodictus olivaris*). Texas Parks and Wildlife Dept. Project nr Tex. F-009-R-17/Job 04. 29 p. Available from: Fish and Wildlife Reference Service; MIN nr 427240533.
552. GHOLSON KW. 1971. Fisheries studies, Region 5-A: life history study of the flathead catfish (*Pylodictus olivaris*). Texas Parks and Wildlife Department.

- Project nr Tex. F-009-R-19/Job 04. 17 p. Available from: Fish and Wildlife Reference Service; MIN nr 427340371.
553. GHOLSON KW. 1975. Statewide fisheries research: life history of the flathead catfish (*Pylodictus olivaris*). Texas Parks and Wildlife Dept. Project nr Tex. F-031-R-01/Wk.Pl.08/Fin. 17 p. Available from: Fish and Wildlife Reference Service; MIN nr 427640053.
554. GIRARD CF. 1858-59. Ichthyology of the boundary. In: United States and Mexican boundary survey under the order of Lieut. Col. W. H. Emory, Major First Calvary and United States Commissioner. U.S. Mex. Boundary Survey Rep. 2(2):1-77.
555. HARRELL HL. 1978. Response of the Devil's River (Texas) fish community to flooding. *Copeia* 1978 (1):60-8.
556. HATCH MD, SCHMITT G. 1978. Handbook of species endangered in New Mexico, fishes: non-game wildlife studies. New Mexico Dept. of Game and Fish. Project nr New Mexico FW-017-R. 61 p. Available from: Fish and Wildlife Reference Service; MIN nr 307910008.
557. HENDERSON GG, JR. 1972. Region 1-D fisheries studies: Rio Grande blue catfish study. Texas Parks and Wildlife Department. Project nr Tex. F-018-R-07/Job 11. 34 p. Available from: Fish and Wildlife Reference Service; MIN nr 427340376.
558. HENDERSON GG, JR., MORRIS DJ. 1973. Region 1-D fisheries studies: Rio Grande blue catfish study. Texas Parks and Wildlife Department. Project nr Tex. F-018-R-08/Job 2. 36 p. Available from: Fish and Wildlife Reference Service; MIN nr 427440008.
559. HENDRICKSON DA. 1995. Miscellaneous notes on biogeography and biology of Mexican blind catfish of the genus *Prietella*. *Proc. Desert Fishes Council*. 26:105.
560. HODDENBACH GA. 1982. Three strikes but not out--an endangered species continues to hang on in Big Bend. *Park Sci.* 2(2):12.
561. HUBBS C. 1957. Distributional patterns of Texas fresh-water fishes. *Southwest. Nat.* 2:89-104.
562. HUBBS C. 1958. List of fishes known or expected to belong to the fauna of the Big Bend National Park. 26 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 83.
563. HUBBS C. 1959. High incidence of vertebral deformities in two natural populations of fishes inhabiting warm springs. *Ecology* 40(1):154-5.
564. HUBBS C. 1982. A checklist of Texas freshwater fishes. [Austin (TX)]: Texas Parks and Wildlife Dept. (Technical series (Texas Parks and Wildlife Dept.): 11) [14] p.
565. HUBBS C. 1982. Occurrence of exotic fishes in Texas waters. Austin (TX): University of Texas, Texas Memorial Museum. (The Pearce-Sellards series: 36) 19 p.
566. HUBBS C. 1990. Declining fishes of the Chihuahuan Desert. In: Powell AM and others, editor. Papers from the 3rd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico; 1988 Nov 10-12; Sul Ross State University. Alpine (TX): Chihuahuan Desert Research Institute. p 89-96.
567. HUBBS C. 1996. Geographic variation of *Gambusia* life history traits. *Proc. Desert Fishes Council*. 27:1-21.
568. HUBBS C, BROWN WH. 1956. *Dionda diaboli* (Cyprinidae), a new minnow from Texas. *Southwest. Nat.* 1(2):69-77.
569. HUBBS C, ECHELLE AA. [1972]. Endangered non-game fishes of the upper Rio Grande basin. In: Symposium on Rare and Endangered Wildlife of the Southwestern United States; 1972 Sep 22-23; Albuquerque (NM). Santa Fe (NM): New Mexico Dept. of Game & Fish. p 147-67.
570. HUBBS C, ECHELLE AF, DIVINE G. 1995. Habitat partitioning by two congeners (*Gambusia geiseri* and *Gambusia nobilis*) at Balmorhea State Park, Texas. *Tex. J. Sci.* 47:325-6.
571. HUBBS C, EDWARDS RJ, GARRETT GP. 1991. An annotated checklist of the freshwater fishes of Texas, with keys to identification of species. *Tex. J. Sci.* 43(4):1-56.
572. HUBBS C, GARRETT GP. 1990. Reestablishment of *Cyprinodon eximius* (Cyprinodontidae) and status of *Dionda diaboli* (Cyprinidae) in the vicinity of Dolan Creek, Val Verde Co., Texas. *Southwest. Nat.* 35:446-78.

573. HUBBS C, HODDENBACH GA, FLEMING CM. 1986. An enigmatic population of *Gambusia gaigei*. Southwest. Nat. 31(1):121-3.
574. HUBBS C, JENSEN BL. 1984. Extinction of *Gambusia amistadensis*, an endangered fish. Copeia 1984:529-30.
575. HUBBS C, JOHNSON JE, WAUER RH. 1977. Habitat management plan for Big Bend gambusia, Big Bend National Park, Texas, 1977. In: Wauer RH. Status of threatened animals that occur in areas of the Southwest Region, National Park Service, Santa Fe (NM): United States National Park Service, Southwest Region, Division of Natural Resources Management. Appendix B (24 p).
576. HUBBS C, LUCIER T, MARSH E, GARRETT GP, EDWARDS RJ, MILSTEAD E. 1978. Results of an eradication program on the ecological relationships of fishes in Leon Creek, Texas. Southwest. Nat. 23:487-96.
577. HUBBS C, MILLER RR, EDWARDS RJ, THOMPSON KW, MARSH E, GARRETT GP, POWELL GL, MORRIS DJ, ZERR RW. 1977. Fishes inhabiting the Rio Grande, Texas and Mexico, between El Paso and the Pecos confluence. In: Johnson RR, Jones DA, technical coordinators. Importance, preservation, and management of riparian habitat: a symposium; 1977 Jul 9; Tucson, AZ. Fort Collins (CO): U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. (General technical report RM: 43) p 91-7.
578. HUBBS C, SPRINGER VG. 1957. A revision of the *Gambusia nobilis* species group, with descriptions of three new species, and notes on their variation, ecology, and evolution. Tex. J. Sci. 9:279-327.
579. HUBBS C, VALDES-GONZALES A. 1995. Interbrood intervals of *Gambusia* species. Proc. Desert Fishes Council. 26:34.
580. HUBBS C, WAUER RH. 1973. Seasonal changes in the fish fauna of Tornillo Creek, Brewster County, Texas. Southwest. Nat. 17(4):375-9.
581. HUBBS C, WILLIAMS JG. 1979. A review of circumstances affecting the abundance of *Gambusia gaigei*, an endangered fish endemic to Big Bend National Park. In: Linn RM, editors. Proceedings of the 1st Conference on Scientific Research in the National Parks; 1976 Nov 9-12; New Orleans, LA. [Washington]: National Park Service. (Transactions and proceedings series (United States National Park Service): 5) p 631-635.
582. HUBBS CL. 1929. Studies of the fishes of the order Cyprinodontes, VIII: *Gambusia gaigei*, a new species from the Rio Grande. Occas. Pap. Mus. Zool. Univ. Mich. 198:1-11.
583. HUBBS CL. 1940. Fishes from the Big Bend Region of Texas. Trans. Tex. Acad. Sci. 23:3-12.
584. HUBBS CL, BRODERICK HJ. 1963. Current abundance of *Gambusia gaigei*, an endangered fish species. Southwest. Nat. 8(1):46-8.
585. HUBBS CL, HUBBS C. 1958. *Notropis saladonis*, a new cyprinid fish endemic in the Rio Salado of northeastern Mexico. Copeia 1958:297-307.
586. HUBBS CL, MILLER RR. 1978. *Notropis panarcys*, *Notropis* sp., and *N. proserpinus*, cyprinid fishes of subgenus *Cyprinella*, each inhabiting a discrete section of the Rio Grande complex. Copeia 1978:582-92.
587. JESTER DB. 1973. Life history, ecology and management of the smallmouth buffalo, *Ictiobus bubalus* (Rafinesque), with reference to Elephant Butte Lake. Las Cruces (NM): New Mexico State University, Agricultural Experiment Station. Project nr New Mexico F-022-R. (Research report (New Mexico State University. Agricultural Experiment Station): 261) 111 p. Available from: Fish and Wildlife Reference Service; MIN nr 307410243.
588. JOHNSON JE, RINNE JN. 1982. The Endangered Species Act and Southwest fishes. Fisheries 7(3): 2-8.
589. JORDAN DS. 1878. Notes on a collection of fishes from the Rio Grande, at Brownsville, Texas. Bull. Geol. Geogr. Surv. Territ. 4:397-406, 663-7.
590. JORDAN DS. 1920. The trout of the Rio Grande. Copeia 1920:72-3.
591. JORDAN DS, EVERMANN BW. 1898-1900. The fishes of North and Middle America. Washington: U. S. Government Printing Office. (Bulletin (United States National Museum): 47) 4 v.
592. JUDY RD, JR., SEELEY PN, MURRAY TM, SVIRSKY SC, WHITWORTH MR, ISCHINGER LS. 1984. 1982 national fisheries survey. Volume 1, Technical

- report: initial findings. [Washington]: U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service. Contract nr 14-16-0009-81-066. (FWS/OBS 0197-6087: 84-06) 140 p.
593. KELSCH SW. 1986. The systematics, ecology and zoogeography of the headwater catfish *Ictalurus lupus* (Pisces) [dissertation]. [College Station (TX)]: Texas A&M University. 83 p.
 594. KELSCH SW. 1995. Patterns of morphometric variation in the channel and headwater catfishes. *Trans. Am. Fish. Soc.* 124:272-9.
 595. KELSCH SW, HENDRICKS FS. 1990. Distribution of the headwater catfish *Ictalurus lupus* (Osteichthyes: Ictaluridae). *Southwest. Nat.* 35:292-7.
 596. KENNEDY SE. 1977. Life history of the Leon Springs pupfish, *Cyprinodon bovinus*. *Copeia* 1977:93-103.
 597. KNAPP FT. 1953. Fishes found in the freshwaters of Texas. Brunswick (GA): Ragland Studio and Litho Printing Company. 166 p.
 598. KODRIC-BROWN A, MAZZOLINI P. 1992. The breeding system of pupfish, *Cyprinodon pecosensis*: effects of density and interspecific interaction with the killifish, *Fundulus zebrinus*. *Environ. Biol. Fishes* 35:169-76.
 599. KOSTER WJ. 1957. Guide to the fishes of New Mexico. Albuquerque (NM): University of New Mexico Press. 116 p.
 600. LABOUNTY JE. 1974. Materials for the revision of cichlids from northern Mexico and southern Texas, U.S.A. [dissertation]. Tempe (AZ): Arizona State University. 121 p.
 601. LITTLE RG. 1964. Evaluation of catchable-size channel catfish stocking in southeastern New Mexico. New Mexico Dept. of Game and Fish. Project nr New Mexico F-022-R. (Proceedings of the Annual Conference of the Western Association of Game and Fish Commissioners: 44th) 7 p. Available from: Fish and Wildlife Reference Service; MIN nr 307410201.
 602. MATLOCK GC, OSBURN HR. 1987. Demise of the snook fishery in Texas. *Northeast Gulf Sci.* 9(1): 53-8.
 603. MATTHEWS WJ. 1995. Geographic variation in nuptial colors of red shiner (*Cyprinella lutrensis*; Cyprinidae) within the United States. *Southwest. Nat.* 40(1):5-10.
 604. MEEK SE. 1902. A contribution to the ichthyology of Mexico. Chicago: Field Columbian Museum. (Publication (Field Columbian Museum): 65) 65 p.
 605. MEEK SE. 1903. Distribution of the fresh-water fishes of Mexico. *Am. Nat.* 37:771-84.
 606. MEEK SE. 1904. The fresh water fishes of Mexico, north of the Isthmus of Tehuantepec. *Field Col. Mus. Publ.* 93:1-254.
 607. MENN CT. 1960. Fisheries investigations and surveys of the waters of Region 8B: creel census of Fort Brown Lake. Texas Parks and Wildlife Dept. Project nr Tex. F-006-R-08/Wk.Pl.B/Job 15. 6 p. Available from: Fish and Wildlife Reference Service; MIN nr 426742287.
 608. MILLER RR. 1958. Origin and affinities of the freshwater fish fauna of western North America. In: Hubbs CL, editor. *Zoogeography*. New York: Arno Press. (American Association for the Advancement of Science. Publication: 51) p 187-222.
 609. MILLER RR. 1964. Redescription and illustration of *Cyprinodon latifasciatus*, an extinct cyprinodontid fish from Coahuila, México. *Southwest. Nat.* 9(2): 62-7.
 610. MILLER RR. 1976. An evaluation of Seth E. Meek's contributions to Mexican ichthyology. *Fieldiana Zool.* 69(1):1-31.
 611. MILLER RR. 1976. Four new pupfishes of the genus *Cyprinodon* from Mexico, with a key to the *C. eximius* complex. *Bull. South. Calif. Acad. Sci.* 75:68-75.
 612. MILLER RR. 1977. Composition and derivation of the native fish fauna of the Chihuahuan Desert region. In: Wauer RH, Riskind DH, editors. *Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX)*. Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 365-81.
 613. MILLER RR. 1981. Coevolution of deserts and pupfishes (genus *Cyprinodon*) in the American Southwest. In: Naiman RJ, Soltz DL, editors.

- Fishes in North American deserts. New York: John Wiley & Sons. p 39-94.
614. MILLER RR. 1986. Composition and derivation of the freshwater fish fauna of Mexico. *An. Esc. Nac. Cienc. Biol. (Méx.)* 30:121-53.
615. MILLER RR, HUBBS C. 1962. *Gila pandora*, a cyprinid new to the Texas fish fauna. *Tex. J. Sci.* 14:111-3.
616. MILLER RR, WALTERS V. 1972. A new genus of cyprinodontid fish from Neuvo León, México. *Contrib. Sci. (Los Angel.)* 233:1-13.
617. MILLER RR, WILLIAMS JD, WILLIAMS JE. 1989. Extinctions of North American fishes during the past century. *Fisheries* 14(6):22-38.
618. MINCKLEY WL. 1963. A new poeciliid fish (genus *Gambusia*) from the Rio Grande drainage of Coahuila, México. *Southwest. Nat.* 8:154-61.
619. MINCKLEY WL. 1965. Records of atherinid fishes at inland localities in Texas and northern Mexico. *Great Basin Nat.* 25:73-6.
620. MINCKLEY WL. 1977. Endemic fishes of the Cuatro Ciénegas Basin, northern Coahuila, México. In: Wauer RH, Riskind DH, editors. *Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico*; 1974 Oct. 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service); 3) p 383-404.
621. MINCKLEY WL. 1980. *Gila pandora* (Cope) Rio Grande chub. In: Lee DS, Gilbert CR, Hocutt CH, Jenkins RE, McAllister DE, Stauffer JR, Jr. *Atlas of North American freshwater fishes, 1980 - et seq.* [Raleigh (NC)]; North Carolina State Museum of Natural History. p 170.
622. MINCKLEY WL. 1991. Native fishes of arid lands: a dwindling resource of the desert Southwest. Fort Collins (CO): U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. (General technical report RM: 206) 45 p.
623. MINCKLEY WL, DEACON JE, editors. 1991. *Battle against extinction: native fish management in the American West*. Tucson (AZ): University of Arizona Press. 517 p.
624. MINCKLEY WL, KOEHN RK. 1965. Re-discovery of the fish fauna of the Sauz Basin, northern Chihuahua, México. *Southwest. Nat.* 10(4):313-5.
625. MINCKLEY WL, MINCKLEY CO. 1986. *Cyprinodon pachycephalus*, a new species of pupfish (Cyprinodontidae) from the Chihuahuan Desert of northern Mexico. *Copeia* 1986:184-92.
626. OBREGON-BARBOZA H, CONTRERAS-BALDERAS S. 1988. Una nueva especie de pez del genero *Xiphophorus* del grupo Couchianus en Coahuila, México (Poeciliidae) [A new species of the genus *Xiphophorus* pertaining to the group Couchianus in Coahuila, México (Poeciliidae)]. *Publ. Biol. Fac. Cienc. Biol. Univ. Auton. Nuevo León* 2(3):93-124.
627. OLMOS GR. 1976. Cambios en la composición de especies de peces en comunidades del bajo Río Bravo, México-Estados Unidos [MSc thesis]. Monterrey, México: Univ. Autonoma Nuevo León. 65 p.
628. PARISH RB. 1973. Statewide fisheries investigations: status of rare native fish in New Mexico. New Mexico Department of Game and Fish. Project nr N.M. F-022-R-14/WK.PL.01/Job 03. 22 p. Available from: Fish and Wildlife Reference Service; MIN nr 307440083.
629. PARISH RB. 1974. Statewide fisheries investigations: status of rare native fish in New Mexico. New Mexico Dept. of Game and Fish. Project nr N.M. F-022-R-15/WK.PL. I/Job 03. 19 p. Available from: Fish and Wildlife Reference Service; MIN nr 307440102.
630. PEDEN AE. 1973. Virtual extinction of *Gambusia amistadensis* n. sp., a poeciliid fish from Texas. *Copeia* 1973:210-21.
631. PEREZ-BERNAL R, CONTRERAS-BALDERAS S, LOZANO-VILANO ML. 1988. Species composition changes in fish communities of eastern Mexico [Cambios de composición de especies de peces en comunidades del este de México]. *Proc. Desert Fishes Counc.* 19:41.
632. PEZOLD FL, EDWARDS RJ. 1983. Additions to the Texas marine ichthyofauna, with notes on the Rio Grande estuary. *Southwest. Nat.* 28:102-5.

633. PLATANIA SP. 1991. The ichthyofauna of the Rio Grande drainage, Texas and Mexico, from Boquillas to San Ygnacio. Albuquerque (NM): University of New Mexico. Report to U.S. Fish & Wildlife Service, Region 2, Arlington, TX. 100 p.
634. REGAN CT. 1906-08. Biologia Centrali-Americana: Pisces. London: R.H. Porter. 203 p.
635. RICHARD J. 1988. Gar fishing. Tex. Fisherman 15: 41-6.
636. RINNE JN. 1995. Reproductive biology of the Rio Grande chub, *Gila pandora* (Teleostomi: Cypriniformes), in a montane stream, New Mexico. Southwest. Nat. 40:107-10.
637. RIO GRANDE FISHES RECOVERY TEAM. 1981. Recovery plan for the Comanche Springs pupfish. Albuquerque (NM): U.S. Fish and Wildlife Service. 1 v.
638. RIO GRANDE FISHES RECOVERY TEAM. 1983. Recovery plan for Pecos gambusia (*Gambusia nobilis*). Albuquerque (NM): U.S. Fish and Wildlife Service. 41 p. Available from: Fish and Wildlife Reference Service; MIN nr 808340016.
639. RIO GRANDE FISHES RECOVERY TEAM. 1984. Recovery plan for Big Bend gambusia (*Gambusia gaigei* Hubbs, 1929). Albuquerque (NM): U.S. Fish and Wildlife Service. 43 p. Available from: Fish and Wildlife Reference Service; MIN nr 808540035.
640. RIO GRANDE FISHES RECOVERY TEAM. 1985. Leon Springs pupfish (*Cyprinodon bovinus*) recovery plan. [Albuquerque (NM)]: U.S. Fish and Wildlife Service. 26 p.
641. RIVERA R. 1971. Ictiofauna de los Ríos San Fernando y Soto la Marina, estados de Nuevo León y Tamaulipas, México [thesis]. Monterrey, México: Universidad Autónoma de Nuevo León.
642. RUIZ-CAMPOS G, TORRES-MORALES M, CONTRERAS-BALDERAS S. 1985. Peces del Río Alamo, subcuenca del Bravo, México: estructura y dinámica de la comunidad ictica [Fishes from the Alamo River, Bravo River sub-basin, Mexico: structure and dynamics of a fish community]. Publ. Biol. Fac. Cienc. Biol. Univ. Auton. Nuevo León 2(1):51-75.
643. SALAS MGG. 1971. Ictiofauna del complejo de cuencas Nazas, Aguanaval, Parras y del Chorro de los estados de Durango, Zacatecas y Coahuila, México [thesis]. Monterrey, México: Universidad Autónoma de Nuevo León.
644. SCHLATTER JM. 1977. Big Bend gambusia: and then there were three. Nat. Parks Conserv. Mag. 51(11):8-10.
645. SIEMIEN MJ. 1987. The preferred and lethal temperatures of the spotted tilapia (*Tilapia mariae* Boulenger), and the Rio Grande cichlid (*Cichlasoma cyanoguttatum* Baird and Girard), and the effect of age on the preferred temperature of the spotted tilapia [MSc thesis]. Frostburg (MD): Frostburg State University. 42 p.
646. SIEMIEN MJ, STAUFFER JR, JR. 1989. Temperature preference and tolerance of the spotted tilapia and Rio Grande cichlid. Arch. Hydrobiol. 115(2):287-303.
647. SMITH ML, MILLER RR. 1985. Conservation of desert spring habitats and their endemic fauna in northern Chihuahua, México. Proc. Desert Fishes Council. 13:54-63.
648. SMITH ML, MILLER RR. 1986. The evolution of the Rio-Grande basin as inferred from its fish fauna. In: Hocutt CH, Wiley EO, editors. The zoogeography of North American freshwater fishes. New York: John Wiley & Sons. p 457-85.
649. STEVENSON MM. 1971. *Percina macrolepida* (Pisces, Percidae, Etheostominae), a new percoid fish of the subgenus *Percina* from Texas. Southwest. Nat. 16(1):65-83.
650. STEVENSON MM, BUCHANAN TM. 1973. An analysis of hybridization between the cyprinodont fishes *Cyprinodon variegatus* and *C. elegans*. Copeia 1973(4):682-92.
651. STUMPF WK. 1992. Statewide fisheries investigations: stabilization of native trout populations. Final report. New Mexico Department of Game and Fish. Project nr NM F-022-R-33/Study 302. 123 p. Available from: Fish and Wildlife Reference Service; MIN nr 309340047.
652. SUBLETTE JE, HATCH MD, SUBLETTE M. 1990. The fishes of New Mexico. Albuquerque (NM): University of New Mexico Press. 393 p.

653. TREVINO-ROBINSON D. 1955. The ichthyofauna of the lower Rio Grande river, from the mouth of the Pecos to the Gulf of Mexico [MSc thesis]. Austin (TX): University of Texas. 107 p.
654. TREVINO-ROBINSON D. 1959. The ichthyofauna of the lower Rio Grande, Texas and Mexico. *Copeia* 1959:253-6.
655. U.S. FISH AND WILDLIFE SERVICE. 1990. Big Bend gambusia (*Gambusia gaigei*). In: Lowe DW, managing editor. The official World Wildlife Fund guide to endangered species of North America. Volume 2, Birds, reptiles, amphibians, fishes, mussels, crustaceans, snails, insects and arachnids. Washington: Beacham Pub. p 855-6.
656. U.S. FISH AND WILDLIFE SERVICE. REGION 2. OFFICE OF ENDANGERED SPECIES. 1986. Recovery plan for Chihuahua chub, *Gila nigrescens* (Girard 1856). Albuquerque (NM): U.S. Fish and Wildlife Service. 47 p. Available from: Fish and Wildlife Reference Service; MIN nr 808640124.
657. WALSH SJ, GILBERT CR. 1995. New species of troglotic catfish of the genus *Prietella* (Siluriformes: Ictaluridae) from northeastern Mexico. *Copeia* 1995:850-61.
658. WILDE GR, ECHELLE AA. 1992. Genetic status of Pecos pupfish population after establishment of a hybrid swarm involving an introduced congener. *Trans. Am. Fish. Soc.* 121:277-86.
659. WILLIAMS JE, BOWMAN DB, BROOKS JE, ECHELLE AA, EDWARDS RJ, HENDRICKSON DA, LANDYE JJ. 1985. Endangered aquatic ecosystems in North American deserts with a list of vanishing fishes of the region. *J. Ariz.-Nev. Acad. Sci.* 20:1-62.
660. WILLIAMS JE, JOHNSON JE, HENDRICKSON DA, CONTRERAS-BALDERAS S, WILLIAMS JD, NAVARRO-MENDOZA M, MCALLISTER DE, DEACON JE. 1989. Fishes of North America: endangered, threatened, or of special concern (1989). *Fisheries* 14(6):2-20.
661. WILLIAMS JG, HUBBS C. 1979. A review of circumstances affecting the abundance of *Gambusia gaigei*, an endangered fish endemic to Big Bend National Park. In: Linn RM, editor. Proceedings of the 1st Conference on Scientific Research in the National Parks; 1976 Nov 9-12; New Orleans, LA. Washington: U.S. Government Printing Office. (Transactions and proceedings series (United States. National Park Service): 5) p 631-5.
662. WOOD MG. 1986. Life history characteristics of introduced blue tilapia, *Oreochromis aureus*, in the lower Rio Grande, Texas [MSc thesis]. [Edinburg (TX)]: Pan American University. 75 p.
663. WOOLMAN AJ. 1892. New fishes from Chihuahua, México. *Am. Nat.* 26:259-61.
664. WOOLMAN AJ. 1894. Report on a collection of fishes from the rivers of central and northern Mexico. *Bull. U.S. Fish Comm.* 14:55-66.
665. YOUNG DA, FRITZ KJ, GARRETT GP, HUBBS C. 1994. Status review of construction, native species introductions, and operation of an endangered species refugium channel, Phantom Lake Spring, Texas. *Proc. Desert Fishes Council.* 25:22-5.

3. Amphibians and Reptiles

666. AUFFENBERG W, WEAVER WG, JR. 1969. *Gopherus berlandieri* in southeastern Texas. *Bull. Fla. State Mus. Biol. Sci.* 13:141-203.
667. AXTELL RW. 1959. Amphibians and reptiles of the Black Gap Wildlife Management Area, Brewster County, Texas. *Southwest. Nat.* 4(2):88-109.
668. BALTOSSER WH, HUBBARD JP. [1985]. New Mexico ridgenose rattlesnake recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service. Prepared under contract with the New Mexico Dept. of Game and Fish, Endangered Species Division. 59 p. Available from: Fish and Wildlife Reference Service; MIN nr 808780331.
669. BEAUPRE SJ. 1993. An ecological study of oxygen consumption in the mottled rock rattlesnake, *Crotalus lepidus lepidus*, and the black-tailed rattlesnake, *Crotalis molossus molossus*, from two populations. *Physiol. Zool.* 66 (3):437-54.
670. BEAUPRE SJ. 1993. Field metabolic rates and annual energy budgets of mottled rock rattlesnakes from two populations: implications for body size. *Am. Zool.* 33(5):143a.
671. BEAUPRE SJ. 1993. The physiological ecology of differences in body size between two populations of the mottled rock rattlesnake [dissertation].

- Philadelphia (PA): University of Pennsylvania. 290 p.
672. BEAUPRE SJ. 1993. Variation in body temperatures of mottled rock rattlesnakes from two populations: implications for body size. *Bull. Ecol. Soc. Am.* 74 (Supp 2):159.
 673. BEAUPRE SJ, DUNHAM AE, OVERALL KL. 1993. The effects of consumption rate and temperature on apparent digestibility coefficient, urate production, metabolizable energy coefficient and passage time in canyon lizards (*Sceloporus merriami*) from two populations. *Funct. Ecol.* 7(3):273-80.
 674. BIG BEND NATURAL HISTORY ASSOCIATION. 1983. Amphibians and reptiles checklist. 1 p. Located at: Big Bend National Park.
 675. BROWN BC. 1950. An annotated check list of the reptiles and amphibians of Texas. Waco (TX): Baylor University Press. 257 p.
 676. BROWN TL. 1970. Ecological distribution of spiny lizards (*Sceloporus*) in Big Bend National Park, Texas [MSc thesis]. Albuquerque (NM): University of New Mexico. 52 p.
 677. BROWN TL, LUCCHINO RV. 1972. A record-sized specimen of the Texas horned lizard (*Phrynosoma cornutum*). *Tex. J. Sci.* 24(3):353-4.
 678. CONANT R. 1963. Semiaquatic snakes of the genus *Thamnophis* from the isolated drainage system of the Río Nazas and adjacent areas of Mexico. *Copeia* 1963:473-99.
 679. CONANT R. 1969. A review of the water snakes of the genus *Natrix* in Mexico. *Bull. Am. Mus. Nat. Hist.* 142:1-140.
 680. CONANT R. 1977. Semiaquatic reptiles and amphibians of the Chihuahuan Desert and their relationships to drainage patterns of the region. In: Wauer RH, Riskind DH, editors. *Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico*; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 455-92.
 681. CONANT R, BERRY JF. 1978. Turtles of the family Kinosternidae in the southwestern United States and adjacent Mexico: identification and distribution. *Am. Mus. Novit.* 2642.
 682. DAVIS WB, DIXON JR. 1958. A new *Coleonyx* from Texas. *Proc. Biol. Soc. Wash.* 71:149-52.
 683. DEGENHARDT WG. 1959. Notes on a second specimen of the snake *Tantilla cucullata* Minton. *Herpetologica* 15:158-9.
 684. DEGENHARDT WG. 1960. An ecological study of the lizard genera *Holbrookia* and *Cnemidophorus* in the Big Bend National Park [dissertation]. College Station (TX): Texas A&M University. 104 p.
 685. DEGENHARDT WG. 1964. Lizard distribution in Big Bend National Park. In: *Abstracts of papers: 44th annual meeting of American Society of Ichthyologists and Herpetologists*; 1964 Aug 31-Sep 5; Morehead City-Beaufort, NC. [Morehead City]: American Society of Ichthyologists and Herpetologists.
 686. DEGENHARDT WG. 1966. A method of counting some diurnal ground lizards of the genera *Holbrookia* and *Cnemidophorus* with results from the Big Bend National Park. *Am. Midl. Nat.* 75(1):61-100.
 687. DEGENHARDT WG. 1969. A report on the current status of the Big Bend National Park herpetofauna. 14 p. Located at: Big Bend National Park.
 688. DEGENHARDT WG. 1970. Population status of diurnal lizards. 93 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 158.
 689. DEGENHARDT WG. 1977. A changing environment: documentation of lizards and plants over a decade. In: Wauer RH, Riskind DH, editors. *Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico*; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 533-55.
 690. DEGENHARDT WG, BROWN TL, EASTERLA DA. 1976. The taxonomic status of *Tantilla cucullata* and *Tantilla diabolus*. *Tex. J. Sci.* 27(1):225-34.
 691. DEGENHARDT WG, DEGENHARDT PB. 1965. The host-parasite relationship between *Elaphe subocularis* (Reptilia: Colubridae) and *Aponomma*

- elaphensis* (Acarina: Ixodidae). Southwest. Nat. 10(3):167-78.
692. DEGENHARDT WG, STEELE GE. 1957. Additional specimens of *Trimorphodon vilkinsoni* from Texas. *Copeia* 1957(4):309-10.
 693. DONALDSON W, PRICE AH, MORSE J. 1994. The current status and future prospects of the Texas horned lizard (*Phrynosoma cornutum*) in Texas. *Tex. J. Sci.* 46(2):97-113.
 694. DRUMMOND H, ACIAS GC. 1989. Limitations of a generalist: a field comparison of foraging snakes. *Behaviour* 108(1-2):23-40.
 695. DUNHAM AE. 1978. An experimental study of interspecific competition between the iguanid lizards *Sceloporus merriami* and *Urosaurus ornatus* [dissertation]. Ann Arbor (MI): University of Michigan. 249 p.
 696. DUNHAM AE. 1978. Food availability as a proximate factor influencing individual growth rates in the iguanid lizard *Sceloporus merriami*. *Ecology* 59(4):770-8.
 697. DUNHAM AE. 1980. An experimental study of interspecific competition between the iguanid lizards *Sceloporus merriami* and *Urosaurus ornatus*. *Ecol. Monogr.* 50(3):309-30.
 698. DUNHAM AE. 1981. Populations in a fluctuating environment: the comparative population ecology of the iguanids *Sceloporus merriami* and *Urosaurus ornatus*. Ann Arbor (MI): University of Michigan. (Miscellaneous publications (University of Michigan. Museum of Zoology): 158) 62 p.
 699. EASTERLA DA. 1975. Reproductive and ecological observations on *Tantilla rubra cucullata* from Big Bend National Park, Texas (Serpentes: Colubridae). *Herpetologica* 31(2):234-6.
 700. EASTERLA DA. 1978. The Mediterranean gecko, *Hemidactylus turcicus*, at Big Bend National Park, Texas. *Tex. J. Sci.* 30(2):199.
 701. GARRETT JM, BARKER DG. [1994]. A field guide to reptiles and amphibians of Texas. Houston (TX): Gulf Pub. House. (Texas Monthly fieldguide series) 225 p.
 702. GEHLBACH FR. 1979. Biomes of the Guadalupe Escarpment: vegetation, lizards, and human impact. In: Genoways HH, Baker RJ, editors. Biological investigations in the Guadalupe Mountains National Park. Proceedings of a symposium; 1975 Apr 4-5; Texas Tech University, Lubbock (TX). Washington: U.S. Government Printing Office. (Transactions and proceedings series (United States. National Park Service) : 4) p 427-39.
 703. GEHLBACH FR, BAKER JK. 1962. Kingsnakes allied with *Lampropeltis mexicana*: taxonomy and natural history. *Copeia* 1962(2):291-300.
 704. GEHLBACH FR, GORDON R, JORDAN JB. 1973. Aestivation of the salamander, *Siren intermedia*. *Am. Midl. Nat.* 89:455-63.
 705. GEHLBACH FR, HOLMAN JA. 1974. Paleoecology of amphibians and reptiles from Pratt Cave, Guadalupe Mountains National Park, Texas. *Southwest. Nat.* 19:191-7.
 706. GEHLBACH FR, KENNEDY SE. 1978. Population ecology of a highly productive aquatic salamander (*Siren intermedia*). *Southwest. Nat.* 23(3):423-30.
 707. GEHLBACH FR, WALKER B. 1970. Acoustic behavior of the aquatic salamander, *Siren intermedia*. *Bioscience* 20:1107-8.
 708. GLIDEWELL J. 1974. Records of the snake *Coluber constrictor* (Reptilia: Colubridae) from New Mexico and the Chihuahuan Desert of Texas. *Southwest. Nat.* 19:215-7.
 709. GLOYD HK. 1942. Amphibians and reptiles from the Carmen Mountains, Coahuila. *Bull. Chic. Acad. Sci.* 6(13):231-5.
 710. GRANT BW. 1988. The thermal biophysical ecology of the desert lizard *Sceloporus merriami* Stejneger (Iguanidae): implications for the study of life history evolution [dissertation]. [Philadelphia]: University of Pennsylvania. 265 p.
 711. GRANT BW. 1990. Trade-offs in activity time and physiological performance for thermoregulating desert lizards, *Sceloporus merriami*. *Ecology* 71(6):2323-33.
 712. GRANT BW, DUNHAM AE. 1990. Elevational covariation in environmental constraints and life histories of the desert lizard *Sceloporus merriami*. *Ecology* 71(5):1765-76.
 713. GROSMIRE EK. 1977. Aspects of the natural history of freshwater turtles within the Lower Rio

- Grande Valley of Texas [MSc thesis]. [College Station (TX)]: Texas A&M University. 102 p.
714. HAMILTON RD. 1947. The range of *Pseudemys scripta gaigeae*. *Copeia* 1947(1):65-6.
 715. HOWLAND JM. 1983. Ecology and demography of an iguanid lizard: *Cophosaurus texanus* in Big Bend National Park, Texas [MSc thesis]. Athens (GA): University of Georgia. 82 p.
 716. HOWLAND JM. 1992. Life history of *Cophosaurus texanus* (Sauria: Iguanidae): environmental correlates and interpopulational variation. *Copeia* 1992:82-93.
 717. HUEY RB, DUNHAM AE. 1987. Senescence in a natural population of a lizard. *Am. Zool.* 27(4):147a.
 718. HUEY RB, DUNHAM AE, OVERALL KL, NEWMAN RA. 1990. Variation in locomotor performance in demographically known populations of the lizard *Sceloporus merriami*. *Physiol. Zool.* 63(5):845-72.
 719. JACOB JS. 1977. An evaluation of the possibility of hybridization between the rattlesnakes *Crotalus atrox* and *C. scutulatus* in the southwestern United States. *Southwest. Nat.* 22(4):469-85.
 720. JAMESON DL, FLURY AG. 1949. The reptiles and amphibians of the Sierra Vieja range of southwestern Texas. *Tex. J. Sci.* 1:54-79.
 721. JUDD FW. 1975. Activity and thermal ecology of the keeled earless lizard, *Holbrookia propinqua*. *Herpetologica* 31:137-50.
 722. JUDD FW. 1976. Demography of a barrier island population of *Holbrookia propinqua*. *Occas. Pap. Mus. Tex. Tech. Univ.* 21:17-26.
 723. JUDD FW. 1976. Food and feeding behavior of the keeled earless lizard, *Holbrookia propinqua*. *Southwest. Nat.* 21:17-26.
 724. JUDD FW. 1985. Status of *Siren intermedia texana*, *Notophthalmus meridionalis*, and *Crotaphytus reticulatus*: final report. Albuquerque (NM): U.S. Fish and Wildlife Service, Office of Endangered Species. 53 p.
 725. JUDD FW, BRAY M. 1996. Date of birth, litter and neonate size of a diamondback water snake, *Nerodia rhombifer*, from southernmost Texas. *Tex. J. Sci.* 48:85-6.
 726. JUDD FW, MCQUEEN JC. 1982. Notes on the longevity of *Gopherus berlandieri* (Testudinidae). *Southwest. Nat.* 27:230-2.
 727. JUDD FW, NIEUWENDAAL H, HOCKADAY DL. 1991. The leatherback turtle, *Dermochelys coriacea*, in southernmost Texas. *Tex. J. Sci.* 43:101-3.
 728. JUDD FW, ROSE FL. 1977. Aspects of the thermal biology of *Gopherus berlandieri* (Reptilia, Testudines, Testudinidae). *J. Herpetol.* 11:147-53.
 729. JUDD FW, ROSE FL. 1983. Population structure, density, and movements of the Texas tortoise, *Gopherus berlandieri*. *Southwest. Nat.* 28:387-98.
 730. JUDD FW, ROSE FL. 1989. Egg production by the Texas tortoise, *Gopherus berlandieri*, in southern Texas USA. *Copeia* 1989(3):588-96.
 731. JUDD FW, ROSS RK. 1977. Year-to-year variation in clutch size of island and mainland populations of *Holbrookia propinqua* (Reptilia, Lacertilia, Iguanidae). *J. Herpetol.* 14:377-80.
 732. KING K, CAVAZOS D, JUDD FW. 1987. *Anolis sagrei* (Sauria: Iguanidae) established in southern Texas. *Tex. J. Sci.* 39:289-90.
 733. LEGLER JM. 1960. Remarks on the natural history of the Big Bend slider, *Pseudemys scripta gaigeae* Hartweg. *Herpetologica* 16:139-40.
 734. LINER EA, JOHNSON RM, CHANEY AH. 1977. A contribution to the herpetology of northern Coahuila, México. *Trans. Kans. Acad. Sci.* 80(1-2):47-53.
 735. LOOMIS RB, JAHN FC. [1973]. Notes on one juvenile and two adult *Coleonyx reticulatus* and their ectoparasitic mites. 6 p. Located at: Big Bend National Park.
 736. LUCCHINO RV. 1970. Distribution of two lizards, *Cnemidophorus tigris* and *C. scalaris*, in Pine Canyon, Big Bend National Park, Texas [MSc thesis]. Albuquerque (NM): University of New Mexico. 56 p.
 737. MCALLISTER CT, MCDANIEL VR. 1987. Occurrence of larval *Contracaecum* sp. (Ascaridida: Anisakidae) in Rio Grande lesser sirens, *Siren intermedia-texana* (Amphibia: Caudata), from South Texas. *J. Helminthol. Soc. Wash.* 44(13):283-334.

D. 3. AMPHIBIANS AND REPTILES

738. MCCOY CJ, JR. 1961. Additional records of *Ficimia cana* from Mexico and Texas. *Herpetologica* 17(3):215.
739. MCKINNEY BR. 1996. A checklist of reptiles and amphibians of the Black Gap Wildlife Management Area, Brewster County, Texas. [Austin (TX)]: Texas Parks and Wildlife Dept., Nongame and Urban Program. PWD BK W7100-278. 28 p.
740. MECHAM JS. 1955. A biogeographic study of the reptiles and amphibians of the Guadalupe Mountains [dissertation]. Austin (TX): University of Texas. 118 p.
741. MILSTEAD WW. 1950. The amphibians and reptiles of the Stockton Plateau in northern Terrell County, Texas. *Tex. J. Sci.* 4:543-62.
742. MILSTEAD WW. 1957. Observations on the natural history of four species of whiptail lizards, *Cnemidophorus* (Sauria, Teiidae) in Trans-Pecos Texas. *Southwest. Nat.* 2:105-21.
743. MILSTEAD WW. 1958. A list of the arthropods found in the stomachs of whiptail lizards from four stations in southwestern Texas. *Tex. J. Sci.* 10:365-73.
744. MILSTEAD WW. 1959. Drift-fence trapping of lizards on the Black Gap Wildlife Management Area of southwestern Texas. *Tex. J. Sci.* 11:150-7.
745. MILSTEAD WW. 1960. Relict species of the Chihuahuan Desert. *Southwest. Nat.* 5:75-88.
746. MILSTEAD WW. 1965. Changes in competing populations of whiptail lizards (*Cnemidophorus*) in southwestern Texas. *Am. Midl. Nat.* 73:75-80.
747. MILSTEAD WW. 1970. Late summer behavior of the lizards *Sceloporus merriami* and *Urosaurus ornatus* in the field. *Herpetologica* 26(3):343-54.
748. MILSTEAD WW. 1977. The Black Gap whiptail lizards after twenty years. In: Wauer RH, Riskind DH, editors. *Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 523-32.*
749. MILSTEAD WW, SMITH DD. 1970. Further studies on social behavior of canyon lizards, *Sceloporus merriami*. 21 p. Located at: Big Bend National Park.
750. MILSTEAD WW, TINKLE DW. 1969. Interrelationships of feeding habits in a population of lizards in southwestern Texas. *Am. Midl. Nat.* 81:491-9.
751. MINTON SA, JR. 1958. Observations on amphibians and reptiles of the Big Bend region of Texas. *Southwest. Nat.* 3:28-54.
752. MOLL EO, WILLIAMS KL. 1963. The musk turtle *Sternotherus odoratus* from Mexico. *Copeia* 1963:157.
753. MOSAUER W. 1932. The amphibians and reptiles of the Guadalupe Mountains of New Mexico and Texas. *Occas. Pap. Mus. Zool. Univ. Mich.* 246:1-18.
754. MURRAY LT. 1939. Annotated list of amphibians and reptiles from the Chisos Mountains. *Contrib. Baylor Univ. Mus.* 24:4-16.
755. NECK RW. 1978. Occurrence of marine turtles in the lower Rio Grande of South Texas (Reptilia, Testudines). *J. Herpetol.* 12(3):422-7.
756. NETTING MG, GOIN CJ. 1946. *Acris* in Mexico and Trans-Pecos, Texas. *Copeia* 1946:253.
757. NEWMAN RA. 1989. Developmental plasticity of *Scaphiopus couchii* tadpoles in an unpredictable environment. *Ecology* 70(6):1775-87.
758. NEWMAN RA, DUNHAM AE. 1994. Size at metamorphosis and water loss in a desert anuran (*Scaphiopus couchii*). *Copeia* 1994:372-81.
759. NIEWIAROWSKI PH, WALDSCHMIDT SR. 1992. Variation in metabolic rates of a lizard: use of SMR in ecological contexts. *Funct. Ecol.* 6(1):15-22.
760. PEREZ C. 1963. A preliminary survey of reptiles and amphibians of Cameron County [MSc thesis]. [Kingsville (TX)]: Texas College of Arts and Industries. 85 p.
761. PUNZO F. 1974. An analysis of the stomach contents of the gecko, *Coleonyx brevis*. *Copeia* 1974(3):779-80.
762. ROSE FL, JUDD FW. 1975. Activity and home range size of the Texas tortoise, *Gopherus berlandieri*, in South Texas. *Herpetologica* 31:448-56.

763. ROSE FL, JUDD FW. 1982. The biology and status of Berlandier's tortoise (*Gopherus berlandieri*). In: Bury RB, editor. North American tortoises: conservation and ecology. Washington: U.S. Dept. of the Interior, Fish and Wildlife Service. (Wildlife research report (U.S. Fish and Wildlife Service): 12) p 57-70.
764. ROSE FL, JUDD FW. 1991. Egg size versus carapace-xiplastron aperture size in *Gopherus berlandieri*. J. Herpetol. 25:248-50.
765. ROSS RK, JUDD FW. 1982. Comparison of lipid cycles of *Holbrookia propinqua* from South Padre Island and mainland Texas. J. Herpetol. 16:53-60.
766. SAXON JG. 1970. The biology of the lizard, *Cnemidophorus tesselatus*, and effects of pesticides upon the population in the Presidio Basin, Texas [dissertation]. [College Station (TX)]: Texas A&M University. 90 p.
767. SCHMIDT KP, OWENS DW. 1944. Amphibians and reptiles of northern Coahuila, México. Field Mus. Nat. Hist. Publ. Zool. Ser. 29(6):97-115.
768. SCHMIDT KP, SMITH TF. 1944. Amphibians and reptiles of the Big Bend region of Texas. Field Mus. Nat. Hist. Publ. Zool. Ser. 29(5):75-96.
769. SCUDDAY JF. 1977. Some recent changes in the herpetofauna of the northern Chihuahuan Desert. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: U. S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 513-22.
770. SCUDDAY JF, DIXON JR. 1973. Diet and feeding behavior of teiid lizards from Trans-Pecos, Texas. Southwest. Nat. 18:279-89.
771. SELCER KW, JUDD FW. 1982. Variation in the reproductive ecology of *Holbrookia propinqua* (Sauria: Iguanidae). Tex. J. Sci. 334:125-35.
772. SMITH HM, WERLER JE. 1969. The status of the northern red black-headed snake, *Tantilla diabolica* Fouquette and Potter. J. Herpetol. 3:172-3.
773. STRECKER JK, JR. 1909. Reptiles and amphibians collected in Brewster County, Texas. Baylor Univ. Bull. 12(1):11-5.
774. STUART JN, PAINTER CW, STEARNS BC. 1993. *Trachemys gaigeae* (Big Bend slider), maximum size. Herpetol. Rev. 24(1):32-3.
775. TEXAS HERPETOLOGICAL SOCIETY. 1987. Texas endangered and protected species lists. Tex. Herpetol. Soc. Newsl. 1987(Feb):9-11.
776. THOMAS RA. 1976. A checklist of Texas amphibians and reptiles. [Austin (TX)]: Texas Parks and Wildlife Department. (Texas. Parks and Wildlife Dept. Technical series: 17) 16 p.
777. THORNTON OW, JR. 1977. The impact of man upon herpetological communities in the Lower Rio Grande Valley, Texas [MSc thesis]. College Station (TX): Texas A&M University. 96 p.
778. VAN DEVENDER TR, WORTHINGTON RD. 1977. The herpetofauna of Howell's Ridge Cave and the paleoecology of the northwestern Chihuahuan Desert. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert region; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: United States Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 4) p 85-106.
779. WALKER JM, CORDES JE, SCUDDAY JF, KILAMBI RV, COHN CC. 1991. Activity, temperature, age, size and reproduction in the parthenogenetic whiptail lizard *Cnemidophorus dixonii* in the Chinati Mountains in Trans-Pecos Texas. Am. Midl. Nat. 126(2):256-68.
780. WALLACE H, HOLLANDER A. 1973. The natural history of the Trans-Pecos rat snake, *Elaphe subocularis* in Texas, New Mexico, and Mexico with emphasis on the Big Bend region. 31 p. Located at: Big Bend National Park.
781. WAUER RH, BURDICK GT. 1974. Range extension of Mediterranean gecko in Coahuila, México. Southwest. Nat. 19:446.
782. WERLER JE. 1951. Miscellaneous notes on the eggs and young of Texas and Mexican reptiles. Zoologica 36:37-48.

783. ZWEIFEL RG. 1954. The lizard *Eumeces tetragrammus* in Coahuila, México. *Herpetologica* 14:175.

4. Birds

784. [ANONYMOUS]. 1942-83. Christmas bird counts, 1942-1983. 2 folders. Located at: Big Bend National Park.
785. [ANONYMOUS]. [1989]. Birds of the Ocotillo Unit, Las Palomas Wildlife Management Area and vicinity: preliminary checklist. Austin (TX): Texas Parks and Wildlife Department. PWD-BK-7100-169-8/89. 8 p.
786. ALDOUS SE. 1942. The white-necked raven in relation to agriculture. Washington: U.S. Government Printing Office. (U.S. Fish and Wildlife Service research report: 5) 55 p.
787. AMADON D, PHILLIPS AR. 1947. Notes on Mexican birds. *Auk* 64:576-81.
788. ARMSTRONG B. 1989. Nongame wildlife investigations: black-capped vireo management. Texas Parks and Wildlife Dept. TX W-103-R-19/Job 60. 22 p. Available from: Fish and Wildlife Reference Service; MIN nr 429080108.
789. BAKER B. 1978. Ecological factors affecting wild turkey nest predation on South Texas rangelands. *Proc. Annu. Conf. Southeast Assoc. Fish Wildl. Agencies* 32:126-36.
790. BALIN LA. 1996. Comparative habitat use of neotropical migratory, wintering, and resident birds in the Lower Rio Grande Valley of Texas [MSc thesis]. Kingsville (TX): Texas A&M University. 168 p.
791. BARLOW JC. 1967. Nesting of the black-capped vireo in the Chisos Mountains, Texas. *Condor* 69(6):605-8.
792. BARLOW JC. 1977. Effects of habitat attrition on vireo distribution and population density in the northern Chihuahuan Desert. In: Wauer RH, Riskind DH, editors. *Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico*; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 591-6.
793. BARLOW JC, GRIFFIN BG. 1988. Survey of the status of the black-capped vireo in Big Bend National Park, Texas, for 1988. 15 p. Located at: National Park Service, Southwest Support Office.
794. BARLOW JC, JOHNSON RR. 1967. Current status of the elf owl in the southwestern United States. *Southwest. Nat.* 12:331-2.
795. BARLOW JC, JOHNSON RR. 1968. The gray vireo *Vireo vicinior* Coues (Passeriformes: Vireonidae), in the Sierra del Carmen, Coahuila, México. *Can. J. Zool.* 47:151-2.
796. BARLOW JC, WAUER RH. 1971. The gray vireo (*Vireo vicinior* Coues; Aves: Vireonidae) wintering in the Big Bend region, West Texas. *Can. J. Zool.* 49(6):953-5.
797. BEARDMORE C, HATFIELD J, LEWIS J, editors. [1995]. Black-capped vireo population and habitat viability assessment report: report of a workshop; 1995 Sep 18-21; Austin, TX. [Washington]: U.S. Fish and Wildlife Service. 57 p.
798. BEASOM SL. 1973. Ecological factors affecting wild turkey reproductive success in South Texas [dissertation]. [College Station (TX)]: Texas A&M University. 215 p.
799. BEST TL, SMARTT RA. 1986. Feeding ecology of mourning doves (*Zenaida macroura*) in southeastern New Mexico. *Southwest. Nat.* 31: 33-7.
800. BIAGGI V, JR. 1960. The birds of Culberson County, Texas, with notes on ecological aspects. *Tex. Ornithol. Soc. Newsl.* 8(8):1-18, 8(10):1-20.
801. BIG BEND NATURAL HISTORY ASSOCIATION. 1983. Bird checklist. 1 p. Located at: Big Bend National Park.
802. BLANKINSHIP DR. 1966. The relationship of white-winged dove production to control of great-tailed grackles in the Lower Rio Grande Valley of Texas. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 31:45-58.
803. BLANKINSHIP DR. 1970. White-winged dove nesting colonies in northeastern Mexico. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 35:171-82.

804. BORELL AE. 1938. New bird records for Brewster County, Texas. *Condor* 40:181-2.
805. BOWLES WF, JR. 1980. Winter ecology of red-breasted mergansers on the Laguna Madre of Texas [MSc thesis]. Corpus Christ (TX): Corpus Christi State University. 27 p.
806. BOYDSTUN CP, DEYOUNG CA. 1987. Nesting success of white-tipped doves in South Texas. *J. Wildl. Manage.* 51:791-3.
807. BRANDT HW. 1938. Two new birds from the Chisos Mountains, Texas. *Auk* 55:269-70.
808. BRANDT HW. 1940. Texas bird adventures in the Chisos mountains and on the northern plains. Cleveland (OH): The Bird Research Foundation. 192 p.
809. BRISBIN G. 1971. A population study of desert scrub birds in an ecological niche of Big Bend National Park, Texas [MSc thesis]. [Alpine (TX)]: Sul Ross State University. 56 p.
810. BRODRICK HJ. 1960. Check-list of the birds of Big Bend National Park. 7 p. Located at: Big Bend National Park.
811. BRODRICK HJ. 1966. Check list of the birds of Big Bend National Park. Big Bend Natural History Association. Located at: Big Bend National Park.
812. BRODRICK HJ, ALLEN CP, LESASSIER A. [date unknown]. Check list of the birds of Big Bend National Park. Brewster County (TX): Big Bend Natural History Association and National Park Service. 2 p.
813. BROWNEE WC. 1967. Survey and status of the white-winged dove in Texas: spring breeding population census. Texas Parks and Wildlife Department. Project nr Tex. W-030-R-21/ Job 13. 6 p. Available from: Fish and Wildlife Reference Service; MIN nr 426881134.
814. BROWNEE WC. 1978. Nongame wildlife investigations: nesting peregrine falcons in Texas, 1977. [Austin (TX)]: Texas Parks and Wildlife Dept. Project nr Tex. W-103-R-07/Job 33. 65 p. Available from: Fish and Wildlife Reference Service; MIN nr 427880147.
815. BRUSH T. 1993. Great kiskadee nesting on a purple martin box. *Bull. Tex. Ornithol. Soc.* 26:21-2.
816. BRUSH T. 1995. Habitat use by wintering shorebirds along the lower Laguna Madre of South Texas. *Tex. J. Sci.* 47:179-90.
817. BRYAN K, STUART D. 1988. Black-capped vireo survey and habitat evaluation at Elephant Mountain and Black Gap wildlife management areas. Austin (TX): Texas Parks and Wildlife Department, Nongame resources program.
818. BURLEIGH TD, LOWERY GH, JR. 1940. Birds of the Guadalupe Mountain region of western Texas. *Occas. Pap. Mus. Zool. La. State Univ.* 8:85-151.
819. CAIN JR, BEASOM SL. 1983. A guide for aging scaled quail. College Station (TX): Texas Agricultural Experiment Station. (Bulletin (Texas Agricultural Experiment Station): 1447) 8 p.
820. CAMPO JJ, THOMPSON BC, BARRON JC, TELFAIR RC II, DUROCHER P, GUTREUTER S. 1993. Diet of double-crested cormorants wintering in Texas. *J. Field Ornithol.* 64:135-44.
821. CANTU A. 1996. Using the spot-mapping technique to assess changes in breeding bird communities at Santa Ana National Wildlife Refuge, Texas [MSc thesis]. Edinburg (TX): University of Texas - Pan-American. 49 p.
822. CASTO SD. 1973. The fighting chachalaca. *Bull. Tex. Ornithol. Soc.* 6:25.
823. CHAPMAN BR. 1988. History of the white pelican colonies in South Texas and northern Tamaulipas. *Colon. Waterbirds* 11(2):275-83.
824. CHAVEZ-RAMIREZ F, ENKERLIN EC. 1993. Notes on the food habits of the bat falcon (*Falco rufigularis*) in Tamaulipas, México. *J. Raptor Res.* 25:142-3.
825. CHAVEZ-RAMIREZ F, VOSE GP, TENNANT A. 1994. Short communications -- spring and fall migration of peregrine falcons from Padre Island, Texas. *Wilson Bull.* 106:138-45.
826. CLARK TL. 1961. Survey and status of the white-winged dove in Texas: production studies. Texas Parks and Wildlife Department. Project nr Tex. W-030-R-14, R-15/ Job 14. 2 v. Available from: Fish and Wildlife Reference Service; MIN nrs 426881100, 426881106.
827. CLARK TL. 1966. Survey and status of the white-winged dove in Texas: production studies. Texas Parks and Wildlife Department. Project nr Tex. W-

- 030-R-19/ Job 14. 8 p. Available from: Fish and Wildlife Reference Service; MIN nr 426881130.
828. CLARK TL, BLANKINSHIP DR. 1963. Survey and status of the white-winged dove in Texas: production studies. Texas Parks and Wildlife Department. Project nr Tex. W-030-R-16/ Job 14. 15 p. Available from: Fish and Wildlife Reference Service; MIN nr 426881113.
829. CLARK TL, BROWNLEE WC. 1968. Survey and status of the white-winged dove in Texas: production studies. Texas Parks and Wildlife Department. Project nr Tex. W-030-R-20/ Job 14. 10 p. Available from: Fish and Wildlife Reference Service; MIN nr 427180499.
830. CLUTFELTER ED, BRUSH T. 1995. Unusual parasitism by the bronzed cowbird. *Condor* 97: 814-5.
831. CONTRERAS-BALDERAS AJ. 1993. Avifauna de Laguna Madre, Tamaulipas [Aquatic birds of Laguna Madre, Tamaulipas, Mexico]. In: Salazar-Vallejo SI, Gonzalez NE, editors. Biodiversidad marina y costera de México [Coastal and marine biodiversity of Mexico]. [Mexico]: Comisión Nacional para el Conocimiento y Aprovechamiento de la Biodiversidad. p 553-8.
832. COOKE JL, DAVIS CE. 1977. Chaparral Wildlife Management Area research: quail hunting season research. Texas Parks and Wildlife Department. Project nr Tex. W-101-R-08/ Job 12/Fin. 12 p. Available from: Fish and Wildlife Reference Service; MIN nr 427880040.
833. COOKE JL, DAVIS CE. 1977. Chaparral Wildlife Management Area research: quail population dynamics. Texas Parks and Wildlife Department. Project nr Tex. W-101-R-08/ Job 11/Fin. 14 p. Available from: Fish and Wildlife Reference Service; MIN nr 427880039.
834. CORNELIUS SE. 1977. Food resource utilization by wintering redheads on lower Laguna Madre. *J. Wildl. Manage.* 41:374-85.
835. CRUICKSHANK AD. 1950. Records from Brewster County, Texas. *Wilson Bull.* 62(4):217-9.
836. DAVIS I. 1974. Birds of the Rio Grande delta: an annotated checklist. Rev. ed. Austin (TX): [I. Davis]. 55 p.
837. DELNICKI D, BOLEN EG. 1975. Natural nest site availability for black-bellied whistling ducks in South Texas. *Southwest. Nat.* 20:371-8.
838. DENNIS JV. 1967. Damage by golden-fronted and ladder-backed woodpeckers to fence posts and utility poles in South Texas. *Wilson Bull.* 79:75-88.
839. DIXON KL. 1959. Ecological and distributional relations of desert scrub birds of western Texas. *Condor* 61(6):397-409.
840. DIXON KL. [date unknown]. Geographic distribution of birds in Big Bend and the relationship of this pattern to the area beyond. [3] p. Located at: National Park Service, Southwest Support Office.
841. DIXON KL, WALLMO OC. 1956. Some new bird records from Brewster County, Texas. *Condor* 58:166.
842. DREWEN RC, BROWN WM, BENNING DS. 1996. Distribution and abundance of sandhill cranes in Mexico. *J. Wildl. Manage.* 60(2):270-85.
843. EASTERLA DA. 1973. Check-list of birds: Big Bend National Park, Texas. Big Bend Natural History Association. Located at: Big Bend National Park.
844. EASTERLA DA, WAUER RH. 1972. Bronzed cowbird in West Texas and two bill abnormalities. *Southwest. Nat.* 17(3):293-312.
845. EIFRIG CWG. 1930. Texas bird habitats II. *Auk* 49:512-22.
846. EITNIEAR JC, RUECKLE T. 1995. Successful nesting of white-collared seedeaters in Zapata County, Texas. *Bull. Tex. Ornithol. Soc.* 28:20-2.
847. ENDERSON JH, LARRABEE J, JONES Z, PEPER C., LEPISTO C. 1995. Behavior of peregrines in winter in South Texas. *J. Raptor Res.* 29(2):93-8.
848. ERSKINE M. 1986. Birds of the Big Bend country. In: Pause PH, Spears RG, editors. *Geology of the Big Bend area and Solitario Dome, Texas: 1986 field trip guidebook.* [Midland (TX)]: West Texas Geological Society. (Publication (West Texas Geological Society): 86-82) p 159-161.
849. ESPEY P, WILLIAMS F. [1987]. Birds of Davis Mountains State Park: a seasonal checklist. Austin (TX): Texas Parks & Wildlife Dept. 8 p.

850. FARLEY GH, ELLIS LM, STUART JN, SCOTT NJ, JR. 1994. Avian species richness in different-aged stands of riparian forest along the middle Rio Grande, New Mexico. *Conserv. Biol.* 8(4):1098-108.
851. FARMER M. 1991. Reddish egrets of the lower Laguna Madre, Texas. Prepared for the lower Rio Grande National Wildlife Refuge and U.S. Fish and Wildlife Service, Division of Refuges and Wildlife. 54 p.
852. FARMER M. 1992. Postbreeding use by reddish egrets of foraging habitat in the Laguna Madre, Texas. Houston (TX): U.S. Fish and Wildlife Service, Ecological Services. 15 p.
853. FISCHER DH. 1980. Breeding biology of curve-billed thrashers and long-billed thrashers in southern Texas. *Condor* 82:392-7.
854. FISCHER DH. 1981. Factors affecting the reproductive success of the northern mockingbird in South Texas. *Southwest. Nat.* 26:289-93.
855. FISCHER DH. 1981. Wintering ecology of thrashers in southern Texas. *Condor* 83:340-6.
856. FLEMING CM. 1987. Status of the peregrine falcon in Big Bend National Park. *Chihuah. Desert Discov.* 22:6-7.
857. FLICKINGER EL, LOBPRIES DS, BATEMEN HA. 1977. Fulvous whistling duck populations in Texas and Louisiana. *Wilson Bull.* 89:329-31.
858. FLOOD NJ. 1990. Aspects of the breeding biology of Audubon's oriole. *J. Field Ornithol.* 61:290-302.
859. FOX RP. 1954. Plumages and territorial behavior of the Lucifer hummingbird in the Chisos Mountains, Texas. *Auk* 71:465-6.
860. FRIEDMANN H. 1925. Notes on the birds observed in the Lower Rio Grande Valley of Texas during May, 1924. *Auk* 42:537-54.
861. FRIEDMANN H, GRISCOM L, MOORE RT. 1950. Distributional check-list of the birds of Mexico, part I. *Pac. Coast Avifauna* 29:1-202.
862. FUERTES LA. 1903. With the Mearns' quail in southwestern Texas. *Condor* 5(5):112-6.
863. FUGATE R, HILDUM SJ. 1987. Upland game investigations: mobility, mortality, and reproductive success of transplanted Rio Grande turkey in the Rio Grande plains of Texas. Texas Parks and Wildlife Dept. Project nr TX W-108-R-10. 14 p. Available from: Fish and Wildlife Reference Service; MIN nr 428780244.
864. GALLEY JE. 1951. Clark's nutcracker in the Chisos Mountains, Texas. *Wilson Bull.* 63(2):115.
865. GALLUCCI T. The biological and taxonomic status of the white-winged doves of the Big Bend of Texas [MSc thesis]. [Alpine (TX)]: Sul Ross State University. 208 p.
866. GAMBLE KE, RUSS WB. 1968. Statewide mourning dove research: nesting and production. Texas Parks and Wildlife Dept. Project nr Tex. W-095-R-03/ Job 02/Fin. 28 p. Available from: Fish and Wildlife Reference Service; MIN nr 427380819.
867. GEHLBACH FR. 1987. Natural history sketches, densities, and biomass of breeding birds in evergreen forests of the Rio Grande, Texas and Río Corona, Tamaulipas, México. *Tex. J. Sci.* 39:241-51.
868. GEHLBACH FR, DILLON DD, HARRELL HL, KENNEDY SE, WILSON KR. 1976. Avifauna of the Río Corona, Tamaulipas, México: the northeastern limit of the tropics. *Auk* 93:53-65.
869. GORE HG. 1973. Land-use practices and Rio Grande turkeys in Texas. In: Sanderson GC, Schultz HC, editors. *Wild turkey management: current problems and programs*. Columbia (MO): University of Missouri Press. p 253-62.
870. GORENA RL. 1995. Feeding and nesting ecology of the great kiskadee, *Pitangus sulphuratus texanus* (Passeriformes: Tyrannidae) in the Lower Rio Grande Valley, Texas [MSc thesis]. Edinburg (TX): University of Texas - Pan-American. 81 p.
871. GRIFFIN BG. 1981. Seasonal replacement in two species of vireo. 5 p. Located at: Big Bend National Park.
872. GRIFFIN BG. 1986. Habitat correlates of foraging behavior at two levels of temporal resolution in the gray vireo (*Vireo vicinior*) [MSc thesis]. Toronto, ON (Canada): University of Toronto. 196 p.
873. GRIFFIN BG, BARLOW JC. 1989. Survey of the status of the black-capped vireo in Big Bend National

- Park, Texas, for 1989. 16 p. Available from: National Park Service, Southwest Support Office.
874. GRISCOM L, CROSBY MS. 1925. Birds of the Brownsville region, southern Texas. *Auk* 42:432-40, 519-37.
 875. GRZYBOWSKI JA. 1991. Black-capped vireo (*Vireo atricapillus*) recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 74 p. Available from: Fish and Wildlife Reference Service; MIN nr 809180213.
 876. HAYSLETTE SE, TACHA TC, WAGGERMAN GL. 1996. Changes in white-winged dove reproduction in southern Texas, 1954-93. *J. Wildl. Manage.* 60(2):298-301.
 877. HILL KB, SCHAEZEL LJ. 1977. Peregrine falcons in the Big Bend National Park: 1977 breeding season. In: Chihuahuan Desert Research Institute. Nesting peregrine falcons. Alpine (TX): Chihuahuan Desert Research Institute. Texas Parks and Wildlife Department contract nr 377-439; Federal aid project nr W-103-R-7, job nr 33. (CDRI contribution: 37) p 3-29.
 878. HITCHCOCK M. [1976]. A breeding survey of peregrine falcons in the mountains of northern Mexico, 1975-76. Alpine (TX): Chihuahuan Desert Research Institute. 34 p.
 879. HOGAN KM. 1988. Peregrine falcon monitoring program, historic eyrie survey: Big Bend National Park and Rio Grande Wild and Scenic River (final report). Contract nr 14-16-0002-86-26. 39 p. Located at: Big Bend National Park.
 880. HUBBARD JP. 1970. Check-list of the birds of New Mexico. [Albuquerque (NM)]: [publisher unknown]. (New Mexico Ornithological Society. Publication: 3) 108 p.
 881. HUBBARD JP. 1977. The biological and taxonomic status of the Mexican duck. [place unknown]: New Mexico Dept. of Game & Fish. (Bulletin (New Mexico. Dept. of Game and Fish): 16) 64 p. Available from: Fish and Wildlife Reference Service; MIN nr 307720155.
 882. HUBBARD JP, BALTOSSER WH, SCHMITT CG. 1988. Mid-winter aerial surveys of bald eagles in New Mexico. In: Glinski RL, editor. Proceedings of the Southwest Raptor Management Symposium and Workshop; 1986 May 21-24; University of Arizona, Tucson (AZ). Washington: National Wildlife Federation. (National Wildlife Federation scientific & technical series: 11) p 1-6 appendix. Available from: Fish and Wildlife Reference Service; MIN nr 309020069.
 883. HUBBARD JP, CROSSIN RS. 1974. Notes on northern Mexican birds: an expedition report. *Nemouria* 14:1-41.
 884. HUBBARD JP, SCHMITT CG. 1988. Organochlorine residues in avian prey of peregrine falcons breeding in New Mexico. In: Glinski RL, editor. Proceedings of the Southwest Raptor Management Symposium and Workshop; 1986 May 21-24; University of Arizona, Tucson (AZ). Washington: National Wildlife Federation. Project nr NM FW-017-R. (National Wildlife Federation scientific & technical series: 11) p 1-9 appendix. Available from: Fish and Wildlife Reference Service.
 885. HUNDERTMARK CA. 1979. Nongame wildlife studies: census of breeding, colonial waterbirds, Elephant Butte and Caballo Reservoirs, New Mexico, 1979. New Mexico Dept. of Game and Fish. Project nr N.M. FW-017-R-07. 13 p. Available from: Fish and Wildlife Reference Service; MIN nr 308280401.
 886. HUNT WG. 1975. The Chihuahuan Desert peregrine falcon survey, 1975: a report to the U.S. National Park Service. Alpine (TX): The Chihuahuan Desert Research Institute. National Park Service work order nr PX 7000-4-0632. (CDRI contribution: 9) 22 p.
 887. HUNT WG. [1976]. The peregrine falcon population in the Chihuahuan Desert and surrounding mountain ranges: an evaluation through 1976. Alpine (TX): Chihuahuan Desert Research Institute. 23 p.
 888. HUNT WG. 1977. The significance of wilderness ecosystems in western Texas and adjacent regions in the ecology of the peregrine. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 609-16.

889. HUNT WG. 1979. West Texas peregrines. *Tex. Parks Wildl.* 37(2):24-5.
890. HUNT WG, JOHNSON BS, editors. 1977. Nesting peregrine falcons in Texas, 1977. Alpine (TX): Chihuahuan Desert Research Institute. Texas Parks & Wildlife Dept. contract nr 377-439; Federal aid project nr W-103-R-7, job nr 33. (CDRI contribution: 37) 57 p.
891. HUNT WG, ROGERS RR. 1973. Texas peregrines. *Bull. Tex. Ornithol. Soc.* 6(2):14-6.
892. HUNT WG, ROGERS RR, SLOWE DL. 1975. Migratory and foraging behavior of peregrine falcons on the Texas coast. *Can. Field-Nat.* 89:111-23.
893. JAMES P, HAYSE H. 1962. Elf owl rediscovered in Lower Rio Grande Delta of Texas. *Wilson Bull.* 75:179-82.
894. JOHNSON BS. 1976. Continuing studies of raptors in two national parks in western Texas, 1976. (CDRI contribution: 12) 31 p. Located at: Big Bend National Park.
895. JOHNSON BS. [1976]. Peregrine falcons in West Texas: results of the 1976 nesting survey. Alpine (TX): Chihuahuan Desert Research Institute. Prepared for the Texas Parks and Wildlife Department, contract nr 376-445. (CDRI contribution: 2) 49 p.
896. JOHNSON BS, HUNT WG, WADE VR. [1978]. A study of nesting peregrine falcons between Presidio and Ft. Quitman, Texas: data summary and final report. Alpine (TX): Chihuahuan Desert Research Institute. Prepared for International Boundary and Water Commission, contract nr IBM 77-75. (CDRI contribution: 36) 21 p.
897. JOHNSON RR, HAIGHT LT. 1986. Avian use of xeroriparian systems in the Big Bend Region, Texas. Alpine (TX): Chihuahuan Desert Research Institute. (Contributed papers of the 2nd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico: 16) 9 p.
898. JOHNSON TH, SKAGGS RW, SKAGGS KE. 1988. Natural breeding performance of the peregrine falcon in New Mexico, 1979-1985. In: Glinski RL, editor. *Proceedings of the Southwest Raptor Management Symposium and Workshop*; 1986 May 21-24; University of Arizona, Tucson (AZ). Washington: National Wildlife Federation. Project nr NM FW-017-R. (National Wildlife Federation scientific & technical series: 11) p 1-7 appendix. Available from: Fish and Wildlife Reference Service; MIN nr 309020070.
899. KEDDY-HECTOR DP. 1985. The diet of the aplomado falcon (*Falco femoralis*) in eastern Mexico. *Condor* 87(3):336-42.
900. KEDDY-HECTOR DP. 1990. Northern aplomado falcon recovery plan. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 58 p.
901. KERLINGER P, GAUTHREAUX SA, JR. 1985. Seasonal timing, geographic distribution, and flight behavior of broad-winged hawks during spring migration in South Texas: a radar and visual study. *Auk* 102:734-43.
902. KEY LJ. 1980. Peregrine falcon breeding status in Texas national parks, 1980. Alpine (TX): Chihuahuan Desert Research Institute. (CDRI contribution: 97) 19 p.
903. KING KA, FLICKINGER EL and others. 1977. The decline of brown pelicans on the Louisiana and Texas Gulf Coast. *Southwest. Nat.* 21(4):417-31.
904. KOZMA JM. 1995. Neotropical migrant and Chihuahuan desert bird community use of arroyo-riparian habitat and adjacent upland [MSc thesis]. Lubbock (TX): Texas Tech University. 116 p. Available from: Fish and Wildlife Reference Service; MIN nr 429530013.
905. KUBAN JF. 1977. The ecological organization of hummingbirds in the Chisos Mountains, Big Bend National Park, Texas [MA thesis]. Arlington (TX): University of Texas. 95 p.
906. KUBAN JF, NEILL RL. 1978. The ecological organization of hummingbirds in the Chisos Mountains, Big Bend National Park, Texas. *Bull. Ecol. Soc. Am.* 59(2):124.
907. KUBAN JF, NEILL RL. 1980. Feeding ecology of hummingbirds in the highlands of the Chisos Mountains, Big Bend National Park, Texas. *Condor* 82(2):180-5.
908. LANE JA, HOLT HR. 1990. A birder's guide to the Rio Grande valley of Texas. Rev. ed. Colorado Springs (CO): American Birding Association. 111 p.

909. LANNING DV. [1971]. Colima warbler density and distribution in the Chisos Mountains, Texas. 5 p. Located at: Big Bend National Park. R. 5 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520840.
910. LANNING DV, HITCHCOCK MA. 1991. Breeding distribution and habitat of prairie falcons in northern Mexico. *Condor* 93:762-5.
911. LANNING DV, LAWSON PW. 1977. Ecology of the peregrine falcon in northeastern Mexico, 1977. Prepared for the National Geographic Society, the U.S. Fish and Wildlife Service and La Direccion General de la Fauna Silvestre de Mexico. Alpine (TX): Chihuahuan Desert Research Institute. (CDRI contribution: 41) 71 p.
912. LANNING DV, MARSHALL JT, SHIFLETT JT. 1990. Range and habitat of the Colima warbler. *Wilson Bull.* 102(1):1-13.
913. LASLEY GW, EASTERLA DA, SEXTON CW, BARTOL DA. 1982. Documentation of the red-faced warbler (*Cardellina rubrifrons*) in Texas and review of its status in Texas and adjacent areas. *Bull. Tex. Ornithol. Soc.* 15:8-14.
914. LAWSON PW, FALXA GA. 1979. Peregrine falcon breeding status in Texas national parks, 1979. Alpine (TX): Chihuahuan Desert Research Institute. (CDRI contribution: 82) 9 p.
915. LEHMANN VW. 1944. State-wide wildlife survey, game management and demonstration project: bobwhites. Texas Parks and Wildlife Department. Project nr Tex. W-001-R-05/WK.PL. C/Job 01. 10 p. Available from: Fish and Wildlife Reference Service; MIN nr 427380801.
916. LEHMANN VW. 1946. Bobwhite quail reproduction in Southwest Texas. Texas Cooperative Wildlife Research Unit. 13 p. Available from: Fish and Wildlife Reference Service; MIN nr 427530326.
917. LEHMANN VW. 1946. Mobility of bobwhite quail in southwestern Texas. Texas Cooperative Wildlife Research Unit. 13 p. Available from: Fish and Wildlife Reference Service; MIN nr 427530327.
918. LEHMANN VW. 1984. Bobwhites in the Rio Grande plain of Texas. College Station (TX): Texas A&M University Press. 371 p.
919. LEHMANN VW, WARD H. 1941. Some plants valuable to quail in southwestern Texas. Texas Parks and Wildlife Dept. Project nr Texas W-001- R. 5 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520840.
920. LIGON JD, HUSER SL. 1974. Notes on the behavioral ecology of Couch's Mexican Jay. *Auk* 91:841-3.
921. LOCKNANE DM, THOMPSON BC. 1988. Nongame wildlife investigations. Nongame investigations - Texas avian fauna: interior least tern distribution and taxonomy. Texas Parks and Wildlife Dept. Project nr TX W-103-R-17/Job 54. 40 p. Available from: Fish and Wildlife Reference Service; MIN nr 428880077.
922. MARION WR. 1974. Status of the plain chachalaca in South Texas. *Wilson Bull.* 86(3):200-5.
923. MARION WR. 1976. Plain chachalaca food habits in South Texas. *Auk* 93(2):376-9.
924. MARSHALL JT, JR. 1967. Parallel variation in North and Middle American screech-owls. Los Angeles: Western Foundation of Vertebrate Zoology. (Western Foundation of Vertebrate Zoology (U.S.). Monographs: 1) 72 p.
925. MARSHALL JT, CLAPP R, GRZYBOWSKI J. 1985. Status report on *Vireo atricapillus* Woodhouse. Report submitted to U. S. Fish and Wildlife Service, Office of Endangered Species, Albuquerque, NM.
926. MAXON GE. 1916. Military oology in Texas. *Oologist* 33(172-173).
927. MAXON GE. 1916. A soldier ornithologist. *Oologist* 33:205-6.
928. MCGREW AD. 1971. Nesting of the ringed kingfisher in the United States. *Auk* 88:665-6.
929. MCKINNEY B. 1996. A checklist of Lower Rio Grande Valley birds. Available from: B. McKinney, 65 Cortez Ave., Rancho Viejo, TX 78575.
930. MCKINNEY BR. [1992]. Birds of Black Gap Wildlife Management Area. Austin (TX): Texas Parks and Wildlife Dept. Resource Management Section. 12 p.
931. MCKINNEY BR. [1992]. The black-capped vireo in Trans-Pecos, Texas. In: Proceedings: 5th U.S./Mexico Border States Conference on Recreation, Parks, and Wildlife; 1992 Sep 17-19; Las Cruces, NM. [Las Cruces]: [New Mexico State University]. p 4-6.

932. MCKINNEY BR. 1985. The breeding status of *Falco peregrinus* in Big Bend National Park and the lower canyons. 75 p. Prepared for U.S. Fish and Wildlife Service, contract nr 20181-0430-85. Located at: Big Bend National Park.
933. MCKINNEY BR. 1986. Brown-headed cowbird (*Molothrus ater*) trapping program 1986, Big Bend National Park, Texas. 7 p. Located at: Big Bend National Park.
934. MCKINNEY BR. 1986. The status of *Falco peregrinus* in Big Bend region of Texas, 1985-1986. 47 p. Prepared for U.S. Fish and Wildlife Service. Located at: Big Bend National Park.
935. MCKINNEY BR. 1987. The effects of increasing recreational pressure on peregrines at Big Bend National Park. Chihuah. Desert Discov. 1987(Fall):10.
936. MCKINNEY BR. 1987. Population status of *Vireo atricapillus* Woodhouse in the Big Bend region of Texas, 1987. Prepared for U.S. Fish and Wildlife Service, Office of Endangered Species, Albuquerque, NM. 17 p. Located at: Big Bend National Park.
937. MCKINNEY BR. 1987. The status of *Falco peregrinus* in Big Bend region of Texas 1987. 36 p. Prepared for U.S. Fish and Wildlife Service, Albuquerque. Located at: Big Bend National Park.
938. MCKINNEY BR. 1988. The status of *Vireo atricapillus* Woodhouse in Brushy Canyon Preserve, Brewster County, Texas. Report submitted to The Nature Conservancy, San Antonio, Texas and U.S. Fish and Wildlife Service, Office of Endangered Species, Albuquerque, NM.
939. MCKINNEY BR. 1992. Status report on the black-capped vireo on Black Gap WMA, Brewster County, Texas. Texas Parks & Wildlife Department, Wildlife Division. Federal aid project nr W-125-R, WNB-KF-K ESEC6.
940. MCMAHAN CA. 1966. Ecology of principal waterfowl foods in lower Laguna Madre: job completion report as required by Federal Aid in Wildlife Restoration Act, Texas. Austin (TX): Parks and Wildlife Dept. Federal aid project nr W-29-R-19; Survey coastal waterfowl, job nr 17. 24 p.
941. MCMAHAN CA. 1970. The food habits of ducks wintering on the Laguna Madre, Texas. J. Wildl. Manage. 34:946-9.
942. MCMAHAN CA, FRITZ RL. 1967. Mortality to ducks from trotlines in lower Laguna Madre, Texas. Texas Parks and Wildlife Dept. Project nr Texas W-029-R. 5 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520403.
943. MCMURRAY SL. 1971. Nesting and development of the reddish egret (*Dichromanassa rufescens* Gmelin) on a spoil bank chain in the Laguna Madre [MA thesis]. Kingsville (TX): Texas A&I University. 78 p.
944. MEYER RA. 1995. The avian community of an agricultural environment in the Rio Grande valley of southern New Mexico [MSc thesis]. Las Cruces (NM): New Mexico State University. 100 p.
945. MILLER AH. 1955. The avifauna of the Sierra del Carmen of Coahuila, México. Condor 57:154-78.
946. MILLER AH, FRIEDMANN H, GRISCOM L, MOORE RT. 1957. Distributional check list of the birds of Mexico, part II. Pac. Coast Avifauna 33:1-436.
947. MITCHELL CA, CUSTER TW. 1986. Hatching success of Caspian terns nesting in the lower Laguna Madre, Texas, USA. Colon. Waterbirds 9:86-9.
948. MITCHELL CA, CUSTER TW, ZWANK PJ. 1992. Redhead duck behavior on lower Laguna Madre and adjacent ponds of southern Texas. Southwest. Nat. 37:65-72.
949. MITCHELL CA, WHITE DH. 1982. Seasonal brain acetylcholinesterase activity in three species of shorebirds overwintering in Texas. Bull. Environ. Contam. Toxicol. 29:360-5.
950. MONTGOMERY TH, JR. 1905. Summer resident birds of Brewster County, Texas. Auk 22:12-5.
951. MONTOYA AB. 1995. Habitat characteristics, prey selection, and home ranges of the aplomado falcon in Chihuahua, México. Las Cruces (NM): New Mexico State University. 59 p.
952. MORRISON ML, HALE BS, SLACK RD. 1983. Recent population trends of cormorants (Aves: Pelicaniformes) in Texas. Tex. J. Sci. 35:239-42.
953. NEIGHBOR DS. 1990. Status report: *Vireo atricapillus* Woodhouse, black-capped vireo. 11 p.

- National Park Service. Located at: Big Bend National Park.
954. NEIGHBOR DS. 1992. Status report for the black-capped vireo, *Vireo atricapillus* Woodhouse, 1991. 8 p. National Park Service. Located at: Big Bend National Park.
955. NELSON RC. 1970. An additional nesting record of the Lucifer hummingbird in the United States. Southwest. Nat. 15:135-6.
956. NEWMAN GA. 1974. Recent birds records from the Guadalupe Mountains in Texas. Southwest. Nat. 19:1-17.
957. NILSSON NN. 1943. State-wide wildlife survey, game management and demonstration project: survey, status and management of the white-winged dove and effects of grackle control on their predation. Texas Parks and Wildlife Dept. Project nr Tex. W-001-R-05/WK.PL.D/Job 02. 14 p. Available from: Fish and Wildlife Reference Service; MIN nr 427380802.
958. NYMEYER LA. 1975. Non-game wildlife studies. Mexican duck in southcentral New Mexico: distribution, abundance, habitat. New Mexico Dept. of Game and Fish. Project nr N.M. FW-017-R-02. 18 p. Available from: Fish and Wildlife Reference Service; MIN nr 307780098.
959. NYMEYER LA. 1977. Waterfowl ecology in the Rio Grande and Uvas valleys of southern New Mexico, with emphasis on the Mexican duck [MSc thesis]. [Las Cruces (NM)]: New Mexico State University. 72 p.
960. OBERHOLSER HC. 1925. The relations of vegetation to bird life in Texas. Am. Midl. Nat. 9:564-661.
961. OBERHOLSER HC. 1974. The bird life of Texas. Kincaid EB, Jr., editor. Austin (TX): University of Texas Press. 2 v.
962. PEMBERTON JR. 1922. A large tern colony in Texas. Condor 24:37-48.
963. PETERSON RT. 1960. A field guide to the birds of Texas. Boston: Houghton Mifflin. 304 p.
964. PHILLIPS JC. 1911. A year's collecting in the state of Tamaulipas, México. Auk 28:67-89.
965. PHILLIPS NW, THORNTON WA. 1949. The summer resident birds of the Sierra Vieja range in southwestern Texas. Tex. J. Sci. 1:101-31.
966. PLEASANTS BY. 1981. Aspects of the breeding biology of a subtropical oriole, *Icterus gularis*. Wilson Bull. 93:531-7.
967. PULICH WM, SR., PULICH WM, JR. 1963. The nesting of the Lucifer hummingbird in the United States. Auk 80:370-1.
968. RANSOM D, JR, RONGSTAD OJ, RUSCH DH. 1987. Nesting ecology of Rio Grande turkeys. J. Wildl. Manage. 51(2):435-9.
969. RAPPOLE JH, BLACKLOCK GW. 1985. Birds of the Texas Coastal Bend: abundance and distribution. College Station (TX): Texas A&M University Press. (The W. L. Moody, Jr., natural history series: 7) 126 p.
970. RAPPOLE JH, BLACKLOCK GW. 1994. Birds of Texas: a field guide. College Station (TX): Texas A&M University Press. (The W.L. Moody, Jr., natural history series: 14) 280 p.
971. RAPPOLE JH, KANE AH, FLORES RH, TIPTON AR, KOERTH N. 1989. Seasonal variation in habitat use by great-tailed grackles in the Lower Rio Grande Valley. In: Great Plains Agricultural Council. Wildlife Resources Committee, sponsor. 9th Great Plains Wildlife Damage Control Workshop proceedings; 1989 Apr 17-20; Fort Collins, CO. Fort Collins: U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. (General technical report RM: 171) p 138-41.
972. RAPPOLE JH, WAGGERMAN G. 1986. Calling males as an index of density for breeding white-winged doves. Wildl. Soc. Bull. 14(2):151-5.
973. RILEY CM, editor. 1996. Texas Partners in Flight priority list for Texas bird conservation. Austin (TX): Texas Parks and Wildlife Dept. Publication nr PWD BK W7100-292. 111 p. Available from: Texas Partners in Flight c/o Texas Parks and Wildlife Dept.
974. ROBINSON SM. 1973. Ethological study of *Vermivora crissalis* in the Chisos Mountains, Texas [MSc thesis]. [Alpine (TX)]: Sul Ross University. 55 p.

975. ROCKY MOUNTAIN/SOUTHWESTERN PEREGRINE FALCON RECOVERY TEAM (U.S.). 1984. American peregrine falcon Rocky Mountain/Southwest population recovery plan. [Denver (CO)]: U.S. Fish and Wildlife Service. 105 p. Available from: Fish and Wildlife Reference Service; MIN nr 808580530.
976. ROGERS RR, HUNT WG. 1975. Peregrines on South Padre Island: recent years. In: Murphy JR, White CM, Harrell BE, editors. Population status of raptors. Proceedings of the Conference on Raptor Conservation Techniques; 1973 Mar 22-24; Fort Collins, CO. Vermillion (SD): Raptor Research Foundation. (Raptor research report: 3) p 61-5.
977. RUPERT JR, BRUCH T. [forthcoming]. Red-breasted mergansers (*Mergus serrator*) nesting along the lower Laguna Madre, in southern coastal Texas. Southwest. Nat. 41.
978. SCHACHT SJ. 1993. Bioenergetics of white-winged dove reproduction in the Lower Rio Grande Valley of Texas [MSc thesis]. Kingsville (TX): Texas A&I University. 114 p.
979. SCHACHT SJ, TACHA TC, WAGGERMAN GL. 1995. Bioenergetics of white-winged dove reproduction in the Lower Rio Grande Valley of Texas. J. Wildl. Manage. 59(3 Supp.):31 p.
980. SCHMITT CG. 1980. Nongame wildlife studies: aerial surveys for peregrine falcon habitat on federal lands in southeastern New Mexico, April 1980. New Mexico Dept. of Game and Fish. Project nr N.M. FW-017-R-07. 33 p. Available from: Fish and Wildlife Reference Service; MIN nr 308280426.
981. SCOTT NJ, JR., REYNOLDS RP. 1984. Phenotypic variation of the Mexican duck (*Anas platyrhynchos diazi*) in Mexico. Condor 86(3):266-74.
982. SCOTT PE. 1978. Check-list of birds: Big Bend National Park, Texas. Rev. ed. [Brewster County (TX)]: Big Bend Natural History Association.
983. SCOTT PE. 1993. A closer look: Lucifer hummingbird. Birding 1993(Aug):245-51.
984. SCOTT PE, MCKINNEY BR. 1994. Brown headed cowbird removes blue-gray gnatcatcher nestlings. J. Field Ornithol. 65(3):363-4.
985. SECORD ML, CANARIS AG. 1993. The metazoan parasite community of migrating greater yellowlegs, *Tringa melanoleuca*, from the Rio Grande valley, Texas and New Mexico. J. Parasitol. 79(5):690-4.
986. SELANDER RK, GILLER DR. 1961. Analysis of sympatry of great-tailed and boat-tailed grackles. Condor 63:29-86.
987. SENNETT GB. 1878. Notes on the ornithology of the lower Rio Grande of Texas, from observations made during the season of 1877. Bull. Geol. Geogr. Surv. Territ. 4(1):1-66.
988. SENNETT GB. 1879. Further notes on the ornithology of the lower Rio Grande of Texas, from observations made during the spring of 1878. Bull. Geol. Geogr. Surv. Territ. 5(3):371-440.
989. SHARP D. 1984. Peregrine falcon breeding status in Big Bend National Park, 1984. National Park Service, Big Bend National Park, TX. Contract report nr 20181-0679-83. 18 p.
990. SIDLE JG, HARRISON WF. 1990. Recovery plan for the interior population of the least tern (*Sterna antillarum*). [Bethesda (MD)]: U.S. Dept. of the Interior, U.S. Fish and Wildlife Service. 90 p. Available from: Fish and Wildlife Reference Service; MIN nr 809180154.
991. SINGLETON JR. 1964. Ecology of the principal waterfowl food plants of the lower Laguna Madre: job completion report as required by Federal Aid in Wildlife Restoration Act, Texas. Austin (TX): Parks and Wildlife Dept. Federal aid project nr W-29-R-14; Survey coastal waterfowl, job nr 17. 12 p.
992. SMITH AP. 1913. Notes and records from Brooks County, Texas. Condor 15:182-3.
993. SMITH AP. 1917. Some birds of the Davis Mountains, Texas. Condor 19:162-5.
994. SNYDER DE. 1957. A recent Colima warbler's nest. Auk 74:97-8.
995. SOROLA SH. 1986. Upland game investigations: investigation of Mearns' quail distribution. Final report, period covered: 1983 Apr 1-1986 Mar 31. Texas Parks and Wildlife Dept. Project nr TX W-108-R-09/Job 37. 18 p. Available from: Fish and Wildlife Reference Service; MIN nr 42890116.

996. STEVENSON JO, SMITH TF. 1938. Additions to the Brewster County, Texas, bird list. *Condor* 40:184.
997. SUTTON GM. 1936. The Big Bend country. In: *Birds in the wilderness: adventures of an ornithologist*. New York: MacMillan. p 135-54.
998. SWEPSTON DA. 1979. Nongame wildlife investigations, job no. 42: Mexican duck, final report. Austin (TX): Texas Parks and Wildlife Department. Project nr W-103-R-9. 31 p.
999. SWEPSTON DA. 1980-81. Nongame wildlife investigations: American peregrine falcon survey. Austin (TX): Texas Parks and Wildlife Department. Federal aid project nr W-103-R-11, Tex W-103-R-09/WK.PL.03/Job 33. Available from: Fish and Wildlife Reference Service.
1000. TEEL PD, FLEETWOOD SC, HOPKINS SW, CRUZ D. 1988. Ectoparasites of eastern and western meadowlarks from the Rio Grande plains of South Texas. *J. Med. Entomol.* 25(1):32-8.
1001. TELFAIR RC. 1995. Neotropic cormorant (*Phalacrocorax brasilianus*) population trends and dynamics in Texas. *Bull. Tex. Ornithol. Soc.* 28:7-16.
1002. TEXAS COLONIAL WATERBIRD SOCIETY. [1982]. An atlas and census of Texas waterbird colonies, 1973-1980. Kingsville (TX): Texas A&I University, Caesar Kleberg Wildlife Research Institute. 358 p.
1003. TEXAS PARKS AND WILDLIFE DEPARTMENT. 1992. Birds of Bentsen-Rio Grande Valley State Park: a field checklist. [Austin (TX)]: Texas Parks and Wildlife Department. 18 p.
1004. THOMPSON BC. 1985. Nongame wildlife investigations: job no. 54, interior least tern distribution and taxonomy. Austin (TX): Texas Parks and Wildlife Dept. 11 p.
1005. TURNER BC, TOMLINSON R, LEYVA R, DOMINGUEZ P. 1994. Wintering populations of lesser snow geese and Ross' geese in the northern highlands of Mexico, 1988-1990. Ottawa: Environment Canada, Canadian Wildlife Service. (Occasional paper (Canadian Wildlife Service): 84) 21 p.
1006. U.S. FISH AND WILDLIFE SERVICE. NATIONAL FISH AND WILDLIFE LABORATORY. 1980. Selected vertebrate endangered species of the seacoast of the United States: American peregrine falcon. Washington: U.S. Fish and Wildlife Service, Biological Services Program. FWS/OBS-80/01.57. 14 p.
1007. UNITED STATES. NATIONAL PARK SERVICE. 1960. Check-list of the birds of Big Bend National Park. Brewster County (TX): United States National Park Service, Big Bend National Park. 8 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 101.
1008. UNITED STATES. NATIONAL PARK SERVICE. 1976. The status of peregrine falcons in West Texas and some management problems. 2nd Natural Resources Seminar; 1976 Jan 19; Santa Fe, NM. Santa Fe: National Park Service, Southwest Region, Office of Natural Sciences. 19 p.
1009. URBAN EK. 1959. Birds from Coahuila, México. *Univ. Kans. Publ. Mus. Nat. Hist.* 11:443-516.
1010. VAN TYNE J. 1929. Notes on some birds of the Chisos Mountains of Texas. *Auk* 46(2):204-6.
1011. VAN TYNE J. 1936. The discovery of the nest of the Colima warbler (*Vermivora crissalis*). Ann Arbor (MI): University of Michigan Press. (University of Michigan. Museum of zoology. Miscellaneous publications: 33) 11 p.
1012. VAN TYNE J. 1953. Geographical variation in the blue-throated hummingbird (*Lampornis clemenciae*). *Auk* 70:207-9.
1013. VAN TYNE J, SUTTON G. M. 1937. The birds of Brewster County, Texas. *Misc. Publ. Mus. Zool. Univ. Mich.* 37:1-119.
1014. VEGA JH, RAPPOLE JH. 1994. Composition and phenology of an avian community in the Rio Grande plain of Texas. *Wilson Bull.* 106(2):366-80.
1015. WAGGERMAN GL, FRYE R. G. 1974. South central Texas game management survey: chachalaca life history. Texas Parks and Wildlife Dept. Project nr Tex. W-081-R-17/Job 09. 8 p. Available from: Fish and Wildlife Reference Service; MIN nr 427480417.
1016. WAGGERMAN GL, HOMERSTAD G. 1980. Evaluate chachalaca census techniques: final report, upland game investigations. Austin (TX): Texas Parks and Wildlife Dept. Texas Federal aid project nr W-108-R-3, job nr 19. 3 p. Available from: Fish and Wildlife Reference Service; MIN nr 428580355.

1017. WALLMO OC. 1956. Determination of sex and age of scaled quail. Texas Parks and Wildlife Dept. Project nr Texas W-057-R. 5 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520962.
1018. WALLMO OC. 1956. Ecology of scaled quail in West Texas. Austin (TX): Texas Game and Fish Commission, Division of Wildlife Restoration. Contribution of the Federal Aid in Wildlife Restoration Act, special report from project W-57-R-4, and the Department of Wildlife Management, A&M College of Texas. 134 p. Available from: Fish and Wildlife Reference Service; MIN nr 426881325.
1019. WALLMO OC, UZZELL PB. 1958. Ecological and social problems in quail management in West Texas. In: Trefethen JB, editor. Conservation in an expanding economy. Transactions of the 23rd North American Wildlife Conference; 1958 Mar 3-5; St. Louis, MO. Washington: Wildlife Management Institute. p 320-8.
1020. WAUER RH. [1973]. Birds of Big Bend National Park and vicinity. Austin (TX): University of Texas Press. 223 p.
1021. WAUER RH. 1967. Colima warbler census in Big Bend's Chisos Mountains. Nat. Parks Mag. 41:8-10.
1022. WAUER RH. 1967. Winter and early spring birds in Big Bend. Bull. Tex. Ornithol. Soc. 1:7,14.
1023. WAUER RH. 1967. Checklist of birds of Big Bend National Park. 8 p. Located at: Big Bend National Park.
1024. WAUER RH. 1967. First thick-billed kingbird record for Texas. Southwest. Nat. 12(4):485-6.
1025. WAUER RH. 1968. Check-list of birds: Big Bend National Park, Texas. Big Bend Natural History Association. Located at: Big Bend National Park.
1026. WAUER RH. 1969. Check-list of birds: Big Bend National Park, Texas. Big Bend Natural History Association. Located at: Big Bend National Park.
1027. WAUER RH. 1969. Hummingbirds of Big Bend. Bull. Tex. Ornithol. Soc. 3:18.
1028. WAUER RH. 1969. Winter bird records from the Chisos Mountains and vicinity. Southwest. Nat. 14(2):252-4.
1029. WAUER RH. 1970. The occurrence of the black-vented oriole, *Icterus wagleri*, in the United States. Auk 87(4):811-2.
1030. WAUER RH. 1970. A second swallow-tailed kite record for Trans-Pecos Texas. Wilson Bull. 82(4):462.
1031. WAUER RH. 1970. Upland plover at Big Bend National Park. Southwest. Nat. 14:361-2.
1032. WAUER RH. 1971. Birds of Big Bend National Park and vicinity [MSc thesis]. [Alpine (TX)]: Sul Ross State University. 242 p.
1033. WAUER RH. 1971. Check-list of birds: Big Bend National Park, Texas. Big Bend Natural History Association. Located at: Big Bend National Park.
1034. WAUER RH. 1971. Ecological distribution of birds of the Chisos Mountains, Texas. Southwest. Nat. 16(1):1-29.
1035. WAUER RH. 1972. Traveler's list and checklist for birds of Mexico. Santa Fe (NM): Peregrine Productions. 33 p.
1036. WAUER RH. 1973. Bronzed cowbird extends range into the Texas Big Bend country. Wilson Bull. 85:343-4.
1037. WAUER RH. 1973. Report on harlequin quail release, Big Bend National Park, Texas. 4 p. Located at: Big Bend National Park.
1038. WAUER RH. 1973. Status of certain parulids of West Texas. Southwest. Nat. 18(1):105-10.
1039. WAUER RH. 1974. Changes in the breeding avifauna within the Chisos Mountains system. 18 p. Located at: Big Bend National Park.
1040. WAUER RH. 1975. Birds of Big Bend National Park and vicinity. Wilson Bull. 87(1):132-3.
1041. WAUER RH. 1977. Changes in the breeding avifauna within the Chisos Mountains system. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 597-608.

D. 4. BIRDS

1042. WAUER RH. 1979. Colima warbler status at Big Bend National Park, Texas. In: Linn RM, editor. Proceedings of the 1st Conference on Scientific Research in the National Parks; 1976 Nov 9-12; New Orleans, LA. Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 5) p 469-74.
1043. WAUER RH. 1996. A field guide to birds of the Big Bend. 2nd ed. Houston (TX): Gulf Pub. Co. 290 p.
1044. WAUER RH, DAVIS DG. 1972. Cave swallows in Big Bend National Park, Texas. Condor 74(4):482.
1045. WAUER RH, LIGON JD. 1977. Distributional relations of breeding avifauna of four southwestern mountain ranges. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 567-78.
1046. WAUER RH, RYLANDER MK. 1968. Anna's hummingbird in West Texas. Auk 85(3):501.
1047. WAUER RH, SCUDDAY JF. 1972. Occurrence and status of certain Charadriiformes in the Texas Big Bend country. Southwest. Nat. 17(2):210-1.
1048. WESSON L, JOHNSON BS, HUNT WG. 1978. An evaluation of essential habitat of nesting peregrine falcons in Mariscal Canyon, Big Bend National Park, Texas. Alpine (TX): Chihuahuan Desert Research Institute. (CDRI contribution) 27 p.
1049. WHITE DH, JAMES D. 1978. Differential use of fresh water environments by wintering waterfowl of coastal Texas. Wilson Bull. 90(1):99-111.
1050. WILLIAMS SO III. 1980. The Mexican duck in Mexico: natural history, distribution, and population status [dissertation]. [Ft. Collins (CO)]: Colorado State University. 284 p.
1051. WINCKLER S. 1976. Birds of Falcon, Starr County, Texas. In: Lyndon B. Johnson School of Public Affairs. Rio Grande-Falcon Thorn Woodland. Austin (TX): The University of Texas at Austin, Lyndon B. Johnson School of Public Affairs. (A natural area survey: 13) p 57-76.
1052. WOLF DE. 1978. First record of an Aztec thrush in the United States. Am. Birds 32(2):156-7.
1053. WOODIN MC. [forthcoming]. The wintering ecology of redheads (*Aythya americana*) in the western Gulf of Mexico region. In: Proceedings of Anatidae 2000, Gibier Faune Sauvage (Game and Wildlife).
1054. WRIGHT PG. 1996. A comparison of secondary successional woody vegetation in two revegetated fields in South Texas and an assessment of habitat use by the olive sparrow, *Arremonops rufivirgatus* [MSc thesis]. Edinburg (TX): University of Texas - Pan-American. 43 p.
1055. ZIMMER B, BRYAN K. 1993. First United States record of tufted flycatcher. Am. Birds 47(1):48-50.

5. Mammals

1056. [ANONYMOUS]. [1990]. Status and distribution of the black bear in Big Bend National Park. 6 p. Located at: Big Bend National Park.
1057. ALLEN JA. 1891. On a collection of mammals from southern Texas and northeastern Mexico. Bull. Am. Mus. Nat. Hist. 3:219-28.
1058. ALSTON ER. 1879-82. Biologia Centrali-Americana: Mammalia. [London]: [RH Porter]. 220 p.
1059. ALVAREZ T. 1963. The recent mammals of Tamaulipas, México. Univ. Kans. Publ. Mus. Nat. Hist. 14:363-473.
1060. ANDELT WF. 1982. Behavioral ecology of coyotes on the Welder Wildlife Refuge, South Texas [dissertation]. Fort Collins (CO): Colorado State University. 169 p.
1061. ANDERSON AE. 1957. Game management surveys: deer distribution and browse utilization studies. New Mexico Dept. of Game and Fish. Project nr N.M. W-075-R-04/WK.PL.14/Job 02. 33 p. Available from: Fish and Wildlife Reference Service; MIN nr 307480200.
1062. ANDERSON AE. 1957-58. Game management surveys: deer food habit studies. New Mexico Dept. of Game and Fish. Project nr N.M. W-075-R-04, R-05/WK.PL.14/Job 05. 2 v. Available from: Fish and Wildlife Reference Service; MIN nr 307480201, 307480204.

1063. ANDERSON AE. 1958. Game management surveys: deer browse growth and utilization study. New Mexico Dept. of Game and Fish. Project nr N.M. W-075-R-05/WK.PL.14/Job 07. 41 p. Available from: Fish and Wildlife Reference Service; MIN nr 307480205.
1064. ANDERSON AE. 1958. Game management surveys: deer productivity studies. New Mexico Dept. of Game and Fish. Project nr N.M. W-075-R-05/WK.PL.14/Job 04. 26 p. Available from: Fish and Wildlife Reference Service; MIN nr 307480203.
1065. ANDERSON AE, SNYDER WA, BROWN GW. 1970. Indices of reproduction and survival in female mule deer, Guadalupe Mountains, New Mexico. New Mexico Dept. of Game and Fish. Project nr Texas W-057-R, New Mexico W-075-R. 8 p. Available from: Fish and Wildlife Reference Service; MIN nr 307220226.
1066. ANDERSON S. 1972. Mammals of Chihuahua: taxonomy and distribution. Bull. Am. Mus. Nat. Hist. 148(2):149-410.
1067. ANDERSON S, HUBBARD JP. 1971. Notes on geographic variation of *Microtus pennsylvanicus* in New Mexico and Chihuahua. Am. Mus. Novit. 2460:1-8.
1068. ATKINSON DE. 1976. Population dynamics and predator-prey relationships of the Carmen Mountains white-tailed deer [MSc thesis]. College Station (TX): Texas A&M University. 87 p.
1069. BACCUS JT. 1972. Mammalian development within the Chisos Mountains [dissertation]. Denton (TX): North Texas State University.
1070. BACCUS JT. 1984. Sika deer--white-tailed deer relationships: performance report as required by Federal Aid in Wildlife Restoration Act. Austin (TX): Texas Parks and Wildlife Department. Federal aid project nr W-109-R-7. 22 p.
1071. BAILEY V. 1931. Mammals of New Mexico. Washington: U.S. Dept. of Agriculture, Bureau of Biological Survey. (North American fauna: 53) 412 p.
1072. BAKER RH. 1951. Two moles (genus *Scalopus*) from Mexico and Texas. Univ. Kans. Publ. Mus. Nat. Hist. 5:17-24.
1073. BAKER RH. 1953. The pocket gophers (Genus *Thomomys*) of Coahuila, México. Univ. Kans. Publ. Mus. Nat. Hist. 5:499-514.
1074. BAKER RH. 1956. Mammals of Coahuila, México. Univ. Kans. Publ. Mus. Nat. Hist. 9:125-335.
1075. BAKER RH. 1958. The future of wildlife in northern Mexico: a problem in conservation education. Trans. N. Am. Wildl. Conf. 23:567-75.
1076. BAKER RH. 1969. Cotton rats of the *Sigmodon fulviventer* group. In: Jones JK, Jr., editor. Contributions in mammalogy: a volume honoring Professor E. Raymond Hall. [Lawrence]: University of Kansas. (Miscellaneous publication (University of Kansas. Museum of Natural History): 51) p 177-232.
1077. BAKER RH. 1977. Mammals of the Chihuahuan Desert region--future prospects. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 221-5.
1078. BENSON DL, GEHLBACH FR. 1979. Ecologic and taxonomic notes on the rice rate (*Oryzomys couesi*) in Texas. J. Mammal. 60:225-8.
1079. BISSONETTE JA. 1976. The relationship of resource quality and availability to social behavior and organization in the collared peccary [dissertation]. Ann Arbor (MI): University of Michigan. 137 p.
1080. BISSONETTE JA. 1978. The influence of extremes of temperature on activity patterns of peccaries. Southwest. Nat. 23(3):339-46.
1081. BISSONETTE JA. 1982. Ecology and social behavior of the collared peccary in Big Bend National Park, Texas. Washington: U.S. Dept. of the Interior, National Park Service. (National Park Service scientific monograph series: 16) 85 p. Available from: U.S. Government Printing Office.
1082. BLACKMAN JN. 1970. A survey of forage and eating preference of the Carmen white-tailed deer, Big Bend National Park. 5 p. Located at: Big Bend National Park.

D. 5. MAMMALS

1083. BLAIR WF. 1938. Two new pocket mice from western Texas. *Occas. Pap. Mus. Zool. Univ. Mich.* 381:1-3.
1084. BLAIR WF. 1940. A contribution to the ecology and faunal relationships of the mammals of the Davis Mountain region, southwestern Texas. *Misc. Publ. Mus. Zool. Univ. Mich.* 46:1-39.
1085. BLAIR WF. 1952. Mammals of the Tamaulipan biotic province in Texas. *Tex. J. Sci.* 3:230-50.
1086. BLAIR WF, MILLER CE. 1949. The mammals of the Sierra Vieja region, southwestern Texas, with remarks on the biogeographic position of the region. *Tex. J. Sci.* 1:67-92.
1087. BOEER WJ. 1977. Riparian mammals in Big Bend National Park and their interrelationships with visitor usages and impacts [MSc thesis]. College Station (TX): Texas A&M University. 122 p.
1088. BOEER WJ, SCHMIDLY DJ. 1977. Terrestrial mammals of the riparian corridor in Big Bend National Park. In: Johnson RR, Jones DA, technical coordinators. Importance, preservation, and management of riparian habitat: a symposium; 1977 Jul 9; Tucson, AZ. Fort Collins (CO): U.S. Forest Service, Rocky Mountain Forest and Range Experiment Station. (General technical report RM: 43) p 212-7.
1089. BOHL WH. 1957. Game trapping and transplanting: seasonal antelope food habits. New Mexico Department of Game and Fish. Project nr N.M. W-084-D-01/ Job 01/SP. 7 p. Available from: Fish and Wildlife Reference Service; MIN nr 307480233.
1090. BOOKER TA. 1958. Kerr Wildlife Management Area research: controlled livestock-deer-vegetative investigation. Texas Parks and Wildlife Dept. Project nr Tex. W-076-R-01/Job 07. 7 p. Available from: Fish and Wildlife Reference Service; MIN nr 426881782.
1091. BORELL AE, BRYANT MD. 1942. Mammals of the Big Bend area of Texas. *Univ. Calif. Publ. Zool.* 48(1):1-62
1092. BRAUN CE, editor. 1991 Mountain lion - human interaction: symposium and workshop; 1991 Apr 24-26; Denver, CO. Denver: Colorado Department of Natural Resources, Division of Wildlife. 114 p.
1093. BROWN CG, BROWN RD. 1980. The javelina in South Texas. *J. Am. Trophy Hunt.* 1980 (Winter): 910.
1094. BROWN GW. 1961. Investigations of big game and ranges: deer food habits study. New Mexico Dept. of Game and Fish. Project nr N.M. W-075-R-08/WK.PL.14/Job 05. 7 p. Available from: Fish and Wildlife Reference Service; MIN nr 307480212.
1095. BROWNL EE SL. 1971. Black Gap Wildlife Management Area development: composition and usage of plants by desert mule deer through rumen samples. Texas Parks and Wildlife Dept. Project nr Tex. W-048-D-21/Wk.PL.02/Job 03/Fin. 47 p. Available from: Fish and Wildlife Reference Service; MIN nr 427380813.
1096. BROWNL EE SL. [1979]. Water development for desert mule deer. Austin (TX): Texas Parks and Wildlife Dept. (Texas. Parks and Wildlife Dept. PWD booklet - Texas Parks and Wildlife Dept.: 7000-32) 12 p. Available from: Fish and Wildlife Reference Service; MIN nr 428320021.
1097. BROWNL EE SL. 1981. Big game investigations: desert mule deer nutrition on the Black Gap Wildlife Management Area of western Texas. Texas Parks and Wildlife Department. Project nr Tex. W-109-R-03/Wk.PL.22/Job 31/Fin. 24 p. Available from: Fish and Wildlife Reference Service; MIN nr 428280636.
1098. BROWNL EE SL. 1981. Mule deer census techniques: final report. Austin (TX): Texas Parks and Wildlife Dept. Federal Aid in Wildlife Restoration Act, Texas big game investigations, Project nr W-109-R-3, job nr 30. 17 p. Available from: Fish and Wildlife Reference Service; MIN nr 428180022.
1099. BROWNL EE WC. 1977. Nongame wildlife investigations: status of the bobcat (*Lynx rufus*) in Texas. Texas Parks and Wildlife Dept. Project nr Tex. W-103-R-08/WK.PL.01/Job 01/SP. 42 p. Available from: Fish and Wildlife Reference Service; MIN nr 428280628.
1100. BROWNL EE WC. 1978. Feline status survey. Austin (TX): Texas Parks and Wildlife Department. Performance report, project nr W-103-R-7. 4 p.
1101. BRYAN KB. 1989. Bat fauna of the Big Bend region: a preliminary list. 5 p. Located at: Big Bend National Park.

1102. BRYANT MD. 1939. A new kangaroo rat of the *Dipodomys ordii* group from the Big Bend region of Texas. Occas. Pap. Mus. Zool. La. State Univ. 5: 65-6.
1103. CARRICO JW. 1989. Mountain lion project FY 88, final report. 50+ p. Located at: National Park Service, Southwest Support Office.
1104. CARSON B. 1941. Man, the greatest enemy of desert bighorn mountain sheep: a history of a game animal rapidly disappearing from its native habitat in the mountains of West Texas. Austin (TX): Texas Game, Fish and Oyster Commission. Project nr Texas W-006-R. (Bulletin (Texas. Game, Fish and Oyster Commission): 21) 23 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520362.
1105. CHAMRAD AD, DAHL BE, KIE JG, DRAWE DL. 1979. Deer food habits in South Texas: status, needs, and role in resource management. In: Drawe DL, editor. Proceedings of the 1st Welder Wildlife Symposium; 1978 Oct 14; Corpus Christi, TX. Sinton (TX): Rob and Bessie Welder Wildlife Foundation. (Welder Wildlife Foundation contribution: B-7) p 133-42.
1106. CHAPMAN JA, MORGAN RP II. 1974. Onset of the breeding season and size of first litters in two species of cottontails from southwestern Texas. Southwest. Nat. 19:277-80.
1107. CONNOR J, FEELEY B. 1976. A study of the beaver (*Castor canadensis mexicanus*) in Big Bend National Park, Texas. 21 p. Located at: Big Bend National Park.
1108. COOKE JL. 1975. South central Texas game management survey: fawn survival studies. Texas Parks and Wildlife Department. Project nr Tex. W-081-R-18/Wk.Pl.05/Job 08/Fin. 17 p. Available from: Fish and Wildlife Reference Service; MIN nr 427680113.
1109. COOKE JL. 1983. Mule deer predation. Austin (TX): Texas Parks and Wildlife Department. Project nr W-109-R-6. (Big game investigations (49)) 11 p.
1110. COOKE JL. 1984. Mule deer predation: performance report as required by Federal Aid in Wildlife Restoration Act. Austin (TX): Texas Parks and Wildlife Department. Federal Aid Project nr W-109-R-07, job nr 50. 10 p.
1111. COOKE JL, HOBSON MD. 1990. Wildlife research and surveys: effects of predator control on desert mule deer numbers. Texas Parks and Wildlife Dept. Project nr TX W-125-R-1/Job 50. 62 p. Available from: Fish and Wildlife Reference Service; MIN nr 429180191.
1112. CORNELLY JE. 1976. Checklist of mammals, Guadalupe Mountains National Park, Texas. Lubbock (TX): Texas Tech Press. 4 p.
1113. CORNELLY JE. 1979. Ecological distribution of woodrats (Genus *Neotoma*) in Guadalupe Mountains National Park, Texas. In: Genoways HH, Baker RJ, editors. Biological investigations in the Guadalupe Mountains National Park, Texas: proceedings of a symposium; 1975 Apr 4-5; Lubbock, TX. Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 4) p 373-94.
1114. CORNELLY JE, GENOWAYS HH, BAKER RJ. 1979. Mammals of Guadalupe Mountains National Park. In: Linn RM, editor. Proceedings of the 1st Conference on Scientific Research in the National Parks; 1976 Nov 9-12; New Orleans, LA. Washington: United States Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 5) p 297-300.
1115. CROWDER RL. 1970. An ecological study of *Sigmodon ochrognathus* [MA thesis]. Alpine (TX): Sul Ross State University. 77 p.
1116. CULBERTSON K, SCHMIDLY DJ. 1974. Summary of statements on the status of the rare, endangered, and peripheral mammals in Texas. Temple (TX): Texas Organization for Endangered Species. 8 p.
1117. DAVIS CE, WEISHUHN LL. 1982. South Texas deer-livestock relationships and management. [Austin (TX)]: Texas Parks and Wildlife Department, Wildlife Division. Federal aid project nr W-109-R, Chaparral Wildlife Management Area. 10 p.
1118. DAVIS RB. 1963. Effects of brush control on wildlife in the Rio Grande plains: distribution and behavior of white-tailed deer using adjacent areas of controlled and uncontrolled brush. Texas Parks and Wildlife Dept. Project nr Tex. W-084-R-04/Job 11. 21 p. Available from: Fish and Wildlife Reference Service; MIN nr 426882039.

1119. DAVIS RB, WINKLER CK. 1968. Brush vs. cleared range as deer habitat in southern Texas. *J. Wildl. Manage.* 32:321-9.
1120. DAVIS WB. 1940. Mammals of the Guadalupe Mountains of western Texas. *Occas. Pap. Mus. Zool. La. State Univ.* 7:69-84.
1121. DAVIS WB. 1941. Systematic status of *Dipodomys merriami ambiguus* Merriam. Texas Cooperative Wildlife Research Unit. 3 p. Available from: Fish and Wildlife Reference Service; MIN nr 427530305.
1122. DAVIS WB. 1951. Unusual occurrence of the ocelot in Texas. *J. Mammal.* 32:363-4.
1123. DAVIS WB. 1966. The mammals of Texas. Austin (TX): Texas Parks and Wildlife Department. (Texas. Parks and Wildlife Dept. Bulletin: 41) 267 p.
1124. DAVIS WB, ROBERTSON JL, JR. 1944. The mammals of Culberson County, Texas. *J. Mammal.* 25:254-73.
1125. DAVIS WB, SCHMIDLY DJ. 1994. The mammals of Texas. Austin (TX): Texas Parks and Wildlife, Nongame and Urban Program. Distributed by University of Texas Press. 338 p.
1126. DAVIS WB, TAYLOR WP. 1939. The bighorn sheep of Texas. *J. Mammal.* 20:440-55.
1127. DINGES WR, JACKSON AW. 1961. South central Texas game management survey: to develop appropriate census techniques for deer. Texas Parks and Wildlife Dept. Project nr Tex. W-081-R-03/ Job 02. 13 p. Available from: Fish and Wildlife Reference Service; MIN nr 426881946.
1128. DIXON KL. 1958. Spatial organization in a population of Nelson pocket mouse. *Southwest. Nat.* 3:107-13.
1129. DOAN-CRIDER DL, HELLGREN EC. 1996. Population characteristics and winter ecology of black bears in Coahuila, México. *J. Wildl. Manage.* 60(2):398-407.
1130. DOOLEY TJ, BRISTOL JR, CANARIS AG. 1976. Ectoparasites from bats in extreme West Texas and south-central New Mexico. *J. Mammal.* 57:189-91.
1131. EADS RB, GRIMES JE, CONKLIN A. 1957. Additional Texas bat records. *J. Mammal.* 38:514.
1132. EASTERLA DA. 1968. First records of the pocketed free-tailed bat for Texas. *J. Mammal.* 49(3):515-6.
1133. EASTERLA DA. 1970. First record of the pocketed free-tailed bat for Coahuila, México and additional Texas records. *Tex. J. Sci.* 22:92-3.
1134. EASTERLA DA. 1970. First records of the spotted bat in Texas, and notes on its natural history. *Am. Midl. Nat.* 83(1):306-8.
1135. EASTERLA DA. 1972. Ecological aspects of the 18 species of *Chiroptera* at Big Bend National Park, Texas [dissertation]. West Lafayette (IN): Purdue University. 225 p. Available from: University Microfilms International.
1136. EASTERLA DA. 1972. Status of *Leptonycteris nivalis* (Phyllostomatidae) in Big Bend National Park, Texas. *Southwest. Nat.* 17(3):287-92.
1137. EASTERLA DA. 1973. Ecology of the 18 species of *Chiroptera* at Big Bend National Park, Texas. Maryville (MO): Northwest Missouri State University. (Northwest Missouri State University. Studies: 34 (2-3)) 2 v.
1138. EASTERLA DA. 1975. The red bat in Big Bend National Park, Texas? *Southwest. Nat.* 20(3):418-20.
1139. EASTERLA DA. 1983. Mammals checklist: Big Bend National Park, Texas. Brewster County (TX): Big Bend Natural History Association and National Park Service. Located at: National Park Service, Southwest Support Office.
1140. EASTERLA DA, WHITAKER JO. 1972. Food habits of some bats from Big Bend National Park, Texas. *J. Mammal.* 53(4):887-90.
1141. EDWARDS C. 1950. Big Bend panthers. *Tex. Game Fish* 8(9):18-9.
1142. ELLISOR JE. 1969. Mobility of white-tailed deer in South Texas. Texas Parks and Wildlife Dept. Project nr Texas W-081-R. 3 p. Available from: Fish and Wildlife Reference Service; MIN nr 427320323.
1143. ELLISOR JE. 1973. Chaparral Wildlife Management Area research: life history notes on the feral hog in southern Texas. Texas Parks and Wildlife Dept. Project nr Tex. W-101-R-04/Job 09. 8 p. Available from: Fish and Wildlife Reference Service; MIN nr 427480003.

1144. ELLISOR JE. 1976. Chaparral Wildlife Management Area research: javelina herd dynamics. Texas Parks and Wildlife Dept. Project nr Tex. W-101-R-07/Wk.Pl.09/Job 10/Fin. 7 p. Available from: Fish and Wildlife Reference Service; MIN nr 427680116.
1145. ELLISOR JE. 1981. Learn about javelina. [Austin (TX)]: [Texas Parks and Wildlife Dept.]. Reprinted from Texas Parks and Wildlife Magazine, June 1974. (PWD leaflet: 9000-96) 1 p.
1146. ELLISOR JE, HARWELL F. 1979. Ecology and management of javelina in South Texas. [Austin (TX)]: Texas Parks and Wildlife Dept. 25 p. Available from: Fish and Wildlife Reference Service; MIN nr 427980133.
1147. ETHEREDGE OF. 1949. Trapping and transplanting of mule deer. Texas Parks and Wildlife Dept. Project nr Texas W-035-R. 14 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520900.
1148. EVERITT JH, GONZALES CL, ALANIZ MA, LATIGO GV. 1981. Food habits of the collared peccary on South Texas rangelands. J. Range Manage. 34: 141-4.
1149. FEELEY B, CONNOR J. 1977. The use of tamarisk by the Mexican beaver in Big Bend National Park, Texas. 7 p. Located at: Big Bend National Park.
1150. FINDLEY JS, CAIRE W. 1977. The status of mammals in the northern region of the Chihuahuan Desert. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 127-39.
1151. FINDLEY JS, HARRIS AH, WILSON DE, JONES CJ. [1975]. Mammals of New Mexico. Albuquerque (NM): University of New Mexico Press. 360 p.
1152. FINDLEY JS, JONES C. 1960. Geographic variation in the yellow-nosed cotton rat. J. Mammal. 41:462-9.
1153. FINDLEY JS, JONES C. 1967. Taxonomic relationships of bats of the species *Myotis fortidens*, *M. lucifugus*, and *M. occultus*. J. Mammal. 48:429-44.
1154. FINDLEY JS, JONES CJ. 1962. Distribution and variation of voles of the genus *Microtus* in New Mexico and adjacent areas. J. Mammal. 43:154-65.
1155. FISHER LW. 1942. Live trapping Texas antelopes. Texas Parks and Wildlife Dept. Project nr Texas W-003-D. 6 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520839.
1156. FLEMING CM. 1983. Compilation of mountain lion observations, 1952-1983. 8 p. Located at: Big Bend National Park.
1157. FLEMING KM. 1989. Black bear status. Austin (TX): Texas Parks and Wildlife Department. Federal aid project nr W-103-R-19. (Nongame wildlife investigations: 68) 9 p.
1158. FRYE OE, LAY DW. 1942. Fur resources and fur animals of Texas. Austin (TX): Game, Fish and Oyster Commission. (Bulletin (Texas. Game, Fish and Oyster Commission): 25) 42 p.
1159. GEHLBACH FR. 1972. Winter populations of small mammals at the Santa Ana Wildlife Refuge. U.S. Fish and Wildlife Service Report.
1160. GENNARO AL. 1968. Northern geographic limits of four desert rodents of the genera *Peromyscus*, *Perognathus*, *Dipodomys*, and *Onychomys* in the Rio Grande valley. Am. Midl. Nat. 80:471-93.
1161. GENOWAYS HH, BAKER RJ. 1988. *Lasiurus blossevillei* (Chiroptera: Vespertilionidae) in Texas. Tex. J. Sci. 40:111-3.
1162. GOLDMAN EA. 1925. Two new ocelots from Mexico. J. Mammal. 6:122-4.
1163. GOODWYN F, JR. 1970. Behavior, life history and present status of the jaguarundi, *Felis yagouaroundi* (Lacepede) in South Texas [MA thesis]. Kingsville (TX): Texas A&I University. 63 p.
1164. GORDON SP. 1956. Mexican border big game management survey: completion report project W-68-R-3. [Santa Fe (NM)]: New Mexico Dept. of Game and Fish. 113 p.
1165. GROSS JE. 1960. Mexican bighorn sheep life history and management investigations: investigation of seasonal sheep and deer habitat factors. New Mexico Dept. of Game and Fish. Project nr N.M. W-100-R-01/ Job 05. 16 p. Available from: Fish

- and Wildlife Reference Service; MIN nr 307480258.
1166. GUTHRY FS, ANDERSON TE, LEHMANN VW. 1979. Range rehabilitation enhances cotton rats in South Texas. *J. Range Manage.* 32:354-6.
 1167. HAFNER DJ, PETERSEN KE, YATES TL. 1981. Evolutionary relationships of jumping mice (genus *Zapus*) of the southwestern United States: nongame wildlife studies. New Mexico Dept. of Game and Fish. Project nr New Mexico FW-017-R. 12 p. Available from: Fish and Wildlife Reference Service; MIN nr 308220130.
 1168. HAILEY TL. 1968. Bighorn sheep development: bighorn bedding and lambing sites. Texas Parks and Wildlife Dept. Project nr Tex. W-067-D-15/Wk.Pl.02/Job 07/Fin. 6 p. Available from: Fish and Wildlife Reference Service; MIN nr 427380816.
 1169. HAILEY TL. 1968. Bighorn sheep development: bighorn sheep forage use and preference. Texas Parks and Wildlife Dept. Project nr Tex. W-067-D-14/Wk.Pl.02/Job 04. 13 p. Available from: Fish and Wildlife Reference Service; MIN nr 427380814.
 1170. HAILEY TL. 1968. Bighorn sheep development: water use--bighorn sheep. Texas Parks and Wildlife Dept. Project nr Tex. W-067-D-14/WK.PL.02/Job 05/Fin. 9 p. Available from: Fish and Wildlife Reference Service; MIN nr 427380815.
 1171. HAILEY TL. 1967-68. Trans-Pecos game management survey: dynamics of Trans-Pecos antelope population. Texas Parks and Wildlife Dept. Project nrs Tex. W-057-R-14, R-15/Job 10. 2 v. Available from: Fish and Wildlife Reference Service; MIN nrs 426881398, 427180501.
 1172. HAILEY TL. 1968. Trans-Pecos game management survey: seasonal movements, mandatory movements and total range of the Trans-Pecos antelope. Texas Parks and Wildlife Dept. Project nr Tex. W-057-R-16/Job 06. 7 p. Available from: Fish and Wildlife Reference Service; MIN nr 427180502.
 1173. HAILEY TL. 1977. Past, present, and future status of the desert bighorn in the Chihuahuan Desert region. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 217-20.
 1174. HAILEY TL, THOMAS JW, ROBINSON RM. 1966. Pronghorn die-off in Trans-Pecos Texas. *J. Wildl. Manage.* 30(3):488-96.
 1175. HARRINGTON FA. 1960. Investigations of big game and ranges: deer immobilization experiments. New Mexico Dept. of Game and Fish. Project nr N.M. W-075-R-07/Wk.Pl.13/Job 07. 15 p. Available from: Fish and Wildlife Reference Service; MIN nr 307480209.
 1176. HARWELL G. 1990. Listed cats of Texas and Arizona recovery plan, with emphasis on the ocelot. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 131 p.
 1177. HAYES FA. 1977. Wildlife reservoirs of brucellosis. In: Crawford RP, Hidalgo RJ, editors. Bovine brucellosis: an international symposium. College Station (TX): Texas A&M University Press. p 269-76.
 1178. HELLGREN EC. 1991. Status and distribution of the black bear (*Ursus americanus*) in Big Bend National Park. 30 p. Located at: Big Bend National Park.
 1179. HELLGREN EC. 1993. Status, distribution, and summer food habits of black bears in Big Bend National Park. *Southwest. Nat.* 38(1):77-80.
 1180. HELLGREN EC, SYNATZSKE DR, OLDENBURG PW, GUTHRY FS. 1995. Demography of a collared peccary population in South Texas. *J. Wildl. Manage.* 59(1):153-63.
 1181. HILL TP, DUSZYNSKI DW. 1986. Coccidia (Apicomplexa: Eimeriidae) from sciurid rodents (*Eutamias*, *Sciurus*, *Tamiasciurus* spp.) from the western United States and northern Mexico with descriptions of two new species. *J. Protozool.* 33(2):282-8.
 1182. HOBSON M, COOK RL, HARWELL WF. 1979. Webb County buck permit experiment: special report, Texas Parks and Wildlife Department. Austin (TX): The Department. Federal aid project nr W-109-R-2. 20 p. Available from: Fish and Wildlife Reference Service; MIN nr 428280625.

1183. HOCK RJ. 1955. Southwestern exotic felids. Am. Midl. Nat. 53:324-8.
1184. HOLLANDER RR. 1991. Status and estimate of the roosting population of *Leptonycteris nivalis* in Big Bend National Park. 3 p. Located at: Big Bend National Park.
1185. HOLLANDER RR, JONES C, JONES JK, JR., MANNING RW. 1990. Preliminary analysis of the effects of the Pecos River on geographic distribution of small mammals in western Texas. J. Big Bend Stud. 2:97-107.
1186. HOLMES KE. 1970. The ecological status, present and future, of *Ondatra zibethicus* in the Lower Rio Grande Valley of El Paso County, Texas. Alpine (TX): Sul Ross State University. 74 p.
1187. HOOD RE, INGLIS JM. 1974. Behavioral responses of white-tailed deer to intensive ranching operations. Texas Parks and Wildlife Department. Project nr Texas W-084-R. 11 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520945.
1188. HOOPER ET. 1952. A systematic review of the harvest mice (genus *Reithrodontomys*) of Latin America. Misc. Publ. Mus. Zool. Univ. Mich. 77:1-255.
1189. HOWELL DJ. 1983. Foraging behavior of *Leptonycteris nivalis* on *Agave havardiana*. 15 p. In: Investigator's annual report. Located at: Big Bend National Park.
1190. HOWELL DJ. 1988. Report on *Leptonycteris nivalis* for Big Bend National Park. 11 p. Located at: Big Bend National Park.
1191. INGLIS JM, BROWN BA, MCMAHAN CA, HOOD RE. 1978. Effects of brush control on wildlife in the Rio Grande plains: deer-brush relationships on the Rio Grande plains, Texas. Texas Parks and Wildlife Dept. Tex. W-084-R-19/Fin. 182 p. Available from: Fish and Wildlife Reference Service; MIN nr 427880089.
1192. INGLIS JM, BROWN BA, MCMAHAN CA, HOOD RE. 1986. Deer-brush relationships on the Rio Grande plain, Texas. College Station (TX): Texas Agricultural Experiment Station. 80 p. Available from: Fish and Wildlife Reference Service; MIN nr 428780258.
1193. JACKSON AW, DINGES WR. 1960. South central Texas game management survey: to develop appropriate census techniques for deer. Texas Parks and Wildlife Dept. Project nr Tex. W-081-R-02/ Job 02. 21 p. Available from: Fish and Wildlife Reference Service; MIN nr 426881942.
1194. JENNINGS WS, HARRIS JT. 1953. The collared peccary in Texas. Austin (TX): Texas Game and Fish Commission, Division of Wildlife Restoration. Project nr Texas W-050-R. (Texas. Game and Fish Commission. FA report series - Texas Game and Fish Commission: 12) 31 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520901.
1195. JIMENEZ GUZMAN MAA. 1982. Rabia en murciélagos de la Cuero del Guano, Santa Catarina, Nuevo León, México. Bull. Tex. Mem. Mus. 28:245-8.
1196. JONES C, MANNING RW, YANCEY FD II. 1993. Recent mammals of Harte Ranch, Big Bend National Park. Unpublished report to the National Park Service. 26 p.
1197. JONES JK, JR. 1993. The concept of threatened and endangered species as applied to Texas mammals. Tex. J. Sci. 45(2):115-28.
1198. JONES JK, JR., JONES C. 1992. Revised checklist of recent land mammals of Texas, with annotations. Tex. J. Sci. 44:53-74.
1199. JONES JK, JR., MANNING RW. 1991. Comments on distribution of two species of pocket mice (genus *Chaetodipus*) along the Pecos River, Texas. Tex. J. Sci. 43:99-101.
1200. JONES JK, JR., MANNING RW, YANCEY FD II, JONES C. 1993. Records of five species of small mammals from western Texas. Tex. J. Sci. 45:104-5.
1201. JUDD FW. 1967. Notes on some mammals from Big Bend National Park. Southwest. Nat. 12(2):192-4.
1202. KRAUSMAN PR. 1976. Ecology of the Carmen Mountains white-tailed deer [dissertation]. Moscow (ID): University of Idaho. 211 p.
1203. KRAUSMAN PR. 1978. Dental anomalies of Carmen Mountains white-tailed deer. J. Mammal. 59(4): 863-4.

1204. KRAUSMAN PR. 1978. Forage relationships between two deer species in Big Bend National Park, Texas. *J. Wildl. Manage.* 42(1):101-7.
1205. KRAUSMAN PR, ABLES ED. 1981. Ecology of the Carmen Mountains white-tailed deer. Washington: U.S. Department of the Interior, National Park Service. (Scientific monograph series: 15) 114 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 39.
1206. KRAUSMAN PR, BISSONETTE JA. 1977. Bone-chewing behavior of desert mule deer. *Southwest. Nat.* 22(1):149-50.
1207. KRAUSMAN PR, SCHMIDLY DJ, ABLES ED. 1978. Comments on the taxonomic status, distribution, and habitat of the Carmen Mountains white-tailed deer in Trans-Pecos Texas. *Southwest. Nat.* 23(4):577-90.
1208. KUCERA TE. 1976. Social behavior during rut and breeding system of the desert mule deer [MSc thesis]. Ann Arbor (MI): University of Michigan. 62 p.
1209. KUCERA TE. 1978. Social behavior and breeding system of the desert mule deer. *J. Mammal.* 59(3):463-76.
1210. LANG EM. 1957. Deer of New Mexico. Santa Fe (NM): [New Mexico Dept. of Game and Fish]. Federal aid project nr W-75-R. (New Mexico. Dept. of Game and Fish. Bulletin: 5) 41 p. Available from: Fish and Wildlife Reference Service; MIN nr 307520158.
1211. LAVAL RK. 1973. Occurrence, ecological distribution, and relative abundance of bats in McKittrick Canyon, Culberson Co., Texas. *Southwest. Nat.* 17:357-64.
1212. LECOUNT AL, MOLLOHAN C. 1955. Big Bend National Park bear reconnaissance. 29 p. Located at: Big Bend National Park.
1213. LEE TE, JR., ENGSTROM MD. 1991. Genetic variation in the silky pocket mouse (*Perognathus flavus*) in Texas and New Mexico. *J. Mammal.* 72:273-85.
1214. LEE TE, JR., ENGSTROM MD, BICKHAM JW. 1991. Banded chromosomes of four species of pocket mice (Rodentia: Heteromyidae). *Tex. J. Sci.* 43: 33-8.
1215. LEE TE, JR., RIDDLE BR, LEE PL. 1996. Speciation in the desert pocket mouse (*Chaetodipus penicillatus* Woodhouse). *J. Mammal.* 77:58-68.
1216. LEOPOLD BD. 1984. Ecology of the desert mule deer in Big Bend National Park, Texas [dissertation]. Tucson (AZ): University of Arizona. 178 p.
1217. LEOPOLD BD, KRAUSMAN PR. 1983. Status of bighorn sheep in Texas. *Tex. J. Sci.* 35(2):157-9.
1218. LEOPOLD BD, KRAUSMAN PR. 1986. Diets of three predators in Big Bend National Park, Texas USA. *J. Wildl. Manage.* 50(2):290-5.
1219. LEOPOLD BD, KRAUSMAN PR. 1987. Diets of two desert mule deer herds in Big Bend National Park, Texas. *Southwest. Nat.* 32(4):449-55.
1220. LEOPOLD BD, KRAUSMAN PR. 1987. Diurnal activity patterns of desert mule deer in relation to temperature. *Tex. J. Sci.* 39(1):49-53.
1221. LEOPOLD BD, KRAUSMAN PR. 1991. Factors influencing desert mule deer distribution and productivity in southwestern Texas. *Southwest. Nat.* 36(1):67-74.
1222. LLOYD W. 1890. [data from field catalog]. In: U. S. Fish and Wildlife Service Laboratory, National Museum of Natural History, Washington, D.C.
1223. LOBELLO RL. 1989. Status of the black bear in Big Bend National Park, Texas. 6 p. In: Proceedings: 3rd Regional Conference of the U.S./Mexico Border States on Parks and Wildlife; 1989 Oct 26; McAllen, TX. Located at: Big Bend National Park.
1224. LOBELLO RL. [1992]. The status of rare mammalian carnivores in Big Bend National Park, Texas. In: Proceedings: 5th U.S./Mexico Border States Conference on Recreation, Parks, and Wildlife; 1992 Sep 17-19; Las Cruces, NM. [Las Cruces]: [New Mexico State University]. p 48-9.
1225. LOBELLO RL, TAYLOR RB. 1991. Good news bears. *Tex. Parks Wildl.* 1991(Aug):38-41.
1226. LOW WA. 1970. The influence of aridity on reproduction of the collared peccary (*Dicotyles tajacu* Linn) in Texas [dissertation]. [Vancouver, BC]: University of British Columbia.
1227. MANNING RW, YANCEY FD II, JONES C. 1996. Nongeographic variation and natural history of two sympatric species of pocket mice, *Chaetodipus nelsoni* and *C. eremicus*, from Brewster County,

- Texas. In: Genoways HH, Baker RJ, editors. Contributions in mammalogy: a memorial volume in honor of Dr. J. Knox Jones. Lubbock (TX): Museum of Texas Tech University. p 191-5.
1228. MCALPINE S. 1986. Preliminary results of biomass partitioning in three Chihuahuan Desert rodent communities. Alpine (TX): Chihuahuan Desert Research Institute. (Contributed papers of the 2nd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico: 15) 7 p.
 1229. MCBRIDE RT. 1978. The status and ecology of the mountain lion (*Felis concolor stanleyana*) of the Texas-Mexico border [thesis]. Alpine (TX): Sul Ross State University. 160 p.
 1230. MCCLINTON SF, MCCLINTON PL, RICHESON JV. 1992. Food habits of black bears in Big Bend National Park. Southwest. Nat. 37(4):433-5.
 1231. MCKINNERNEY M. 1978. Carrion communities in the northern Chihuahuan Desert. Southwest. Nat. 23:563-76.
 1232. MCKINNEY BP, JR. [1992]. Seasonal movements and food habits of black bear on the Black Gap Wildlife Management Area, Texas. In: Proceedings: 5th U.S./Mexico Border States Conference on Recreation, Parks, and Wildlife; 1992 Sep 17-19; Las Cruces, NM. [Las Cruces (NM)]: [New Mexico State University]. p 42-3.
 1233. MCMAHAN CA. 1973. Use of Rio Grande plain brush types by white-tailed deer and analysis of influents [dissertation]. [College Station (TX)]: Texas A&M University. 105 p.
 1234. MCMAHAN CA, INGLIS JM. 1974. Use of Rio Grande plain brush types by white-tailed deer. Texas Parks and Wildlife Department. Project nr Texas W-084-R. 5 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520755.
 1235. MEARNS EA. 1896. Preliminary diagnoses of new mammals from the Mexican border of the United States. Proc. U.S. Nat. Mus. 18:443-7.
 1236. MEARNS EA. 1907. Mammals of the Mexican boundary of the United States: a descriptive catalogue of the species of mammals occurring in that region with a general summary of the natural history, and a list of trees. U.S. Nat. Mus. Bull. 56:1-530.
 1237. MEDELLIN RA. 1994. Mexican long-nosed bat (*Leptonycteris nivalis*) recovery plan. [Albuquerque (NM)]: U.S. Fish and Wildlife Service, Region 2. 91 p.
 1238. MILSTEAD WW. 1961. Observations of the activities of small animals (Reptillia and Mammalia) on a quadrat in Southwest Texas. Am. Midl. Nat. 65:127-38.
 1239. MILSTEIN M. 1990. The hidden lion. Nat. Parks Mag. 64:18-23, 44.
 1240. MOORE TD. 1960. Big Bend ecological survey. Austin (TX): Texas Game and Fish Commission. Job completion report Federal aid project nr W-57-R-8. (Trans-Pecos game management survey: 9) 43 p.
 1241. MOORE TD. 1961. Big Bend ecological survey. Austin (TX): Texas Game and Fish Commission. Federal aid project nr W-57-R-9. (Trans-Pecos game management survey (9)) 29 p.
 1242. NEIGHBOR DS, RUTH TK, SKILES JR, MCKINNEY BP. 1991. Live trapping mountain lion. In: Braun CE, editor. Mountain lion-human interaction: symposium and workshop; 1991 Apr 24-26; Denver, CO. [Denver]: Colorado Division of Wildlife. p 25.
 1243. NELSON JT, GRACE K. 1987. Habitat preference of elk in the Glass Mountains, Brewster County, Texas. Alpine (TX): Chihuahuan Desert Research Institute. (Contributed papers of the 2nd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico: 11) 5 p.
 1244. PACKARD JM, RUTH TK, SKILES JR. 1991. Behavior of high risk mountain lions in Big Bend National Park, Texas. Final report -- Compendia I, II, and III from the Cooperative Parks Study Unit, cooperative agreement nr 702990004. 42 p. Located at: Big Bend National Park.
 1245. PATTERSON BD. 1979. Nongame wildlife studies: status of the Organ Mountains population of *Eutamias*. New Mexico Dept. of Game and Fish. Project nr N.M. FW-017-R-07. 24 p. Available from: Fish and Wildlife Reference Service; MIN nr 308280404.
 1246. PATTERSON BD. 1980. New subspecies of *Eutamias quadrivittatus* (Rodentia: Sciuridae) from the Organ Mountains, New Mexico. New Mexico Dept. of Game and Fish. Project nr New Mexico

- FW-017-R. 10 p. Available from: Fish and Wildlife Reference Service; MIN nr 308220128.
1247. PENCE DB, WARREN RJ, WAID DD, DAVIN MJ. [1986]. Aspects of the ecology of mountain lions (*Felis concolor*) in Big Bend National Park. Santa Fe (NM): National Park Service. 81 p.
 1248. PITTMAN MT. 1987. Big game investigations: mule deer reproduction. Texas Parks and Wildlife Department. Final report project nr TX W-109-R-10/Job 51. 15 p. Available from: Fish and Wildlife Reference Service; MIN nr 428880010.
 1249. PITTMAN MT. 1995. Job no. 86: ecology of the mountain lion on Big Bend Ranch State Park in Trans-Pecos Texas. In: Annual report of Texas Parks and Wildlife Department. Austin (TX): Texas Parks and Wildlife Dept. p 2-24.
 1250. PORTER RD. 1962. Movement, populations, and habitat preferences of three species of pocket mice (*Perognathus*) in the Big Bend region of Texas [dissertation]. College Station (TX): Texas A&M University. 255 p.
 1251. POWELL J. 1968. Rodent numbers on different brush control treatments in South Texas. *Tex. J. Sci.* 20:69-76.
 1252. RAMIREZ-PULIDO J, BRITTON MC, PERDOMO A, CASTRO A. 1986. Guía de los mamíferos de México: referencias hasta 1983. Iztapalapa (México): Universidad Autónoma Metropolitana, Unidad Iztapalapa, Departamento de Biología. 720 p.
 1253. RAPPOLE JH. 1986. An intensive study for ocelots and jaguarundis on the Tres Corrales Ranch, Hidalgo County, Texas. Final report. Kingsville (TX): Caesar Kleberg Wildlife Resource Institute. 9 p.
 1254. RASP RA. 1964. A population study of the yellow-nosed cotton rat in Big Bend National Park. 15 p. Located at: Big Bend National Park.
 1255. RAY CE, WILSON DE. 1979. Evidence for *Macrotus californicus* from Terlingua, Texas. *Occas. Pap. Mus. Tex. Tech. Univ.* 57:1-10.
 1256. REDUKER DW, HERTEL L, DUSZYNSKI DW. 1985. *Eimeria* species (Apicomplexa: Eimeriidae) infecting *Peromyscus* rodents in the southwestern United States and northern Mexico with description of a new species. *J. Parasitol.* 71(5):604-13.
 1257. REICHMAN OJ, BAKER RJ. 1972. Distribution and movements of two species of pocket gophers (*Geomyidae*) in an area of sympatry in the Davis Mountains, Texas. *J. Mammal.* 53(1):21-33.
 1258. RELYEA RA. 1992. Desert mule deer movement and behavior in Southwest Texas [MSc thesis]. Lubbock (TX): Texas Tech University. 64 p.
 1259. RELYEA RA, ORTEGA IM, DEMARAIS S. 1994. Activity monitoring in mule deer: assessing telemetry accuracy. *Wildl. Soc. Bull.* 22(4):656-61.
 1260. RICHESON JV, MCCLINTON PL, MCCLINTON SF, FERGUSON RS. 1990. Analysis of black bear ecology in the Big Bend National Park by means of bear scat analysis. 21 p. Final report under purchase order PX7130-0-0219. Located at: Big Bend National Park.
 1261. RISENHOOVER KL, COOKE JL. 1994. Landscape structure and its impact on the interpretation of desert mule deer population behavior in the Chihuahuan Desert. College Station (TX): Texas A&M University, Texas Agricultural Experiment Station, Department of Wildlife and Fisheries Sciences. Cooperative agreement nr 70460080183. 400+ p.
 1262. ROBINSON RM, HAILEY TL, LIVINGSTON CW. 1967. Bluetongue in the desert bighorn sheep. Texas Parks and Wildlife Dept. Project nrs Texas W-093-R, W-067-D. 4 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520369.
 1263. RUSSELL DN. [date unknown]. History and status of the felids of Texas. Texas Parks and Wildlife Department. Project nr TX W-103-R. 9 p. Available from: Fish and Wildlife Reference Service; MIN nr 428580479.
 1264. RUSSELL TP. 1964. Antelope of New Mexico. Santa Fe (NM): New Mexico Dept. of Game and Fish. Project nr New Mexico W-084-D. (New Mexico. Dept. of Game and Fish. Bulletin: 12) 103 p. Available from: Fish and Wildlife Reference Service; MIN nr 307520153.
 1265. RUTH TK. 1991. Mountain lion use of an area of high recreational development in Big Bend National Park, Texas [MSc thesis]. College Station (TX): Texas A&M University. 218 p.
 1266. RUTH TK, PACKARD JM, NEIGHBOR DS, SKILES JR. 1991. Mountain lion use of an area of high recreational development in Big Bend National

- Park, Texas. In: Braun CE, editor. Mountain lion-human interaction: symposium and workshop; 1991 Apr 24-26; Denver, CO. [Denver]: Colorado Division of Wildlife. p 20.
1267. RUTHVEN DC III, HELLGREN EC, BEASOM SL. 1994. Effects of root plowing on white-tailed deer condition, population status, and diet. *J. Wildl. Manage.* 58(1):59-70.
 1268. SANDERS CL, JR. 1963. Habitat preferences of the white-tailed deer and several exotic ungulates in South Texas. *Ecology* 44:803-6.
 1269. SCHMIDLY DJ. 1971. Systematics and ecology of mice of the *Peromyscus boylii* species group from northern Mexico and parts of southern United States [dissertation]. Urbana-Champaign (IL): University of Illinois. 252 p. Available from: University Microfilms International.
 1270. SCHMIDLY DJ. 1977. Factors governing the distribution of mammals in the Chihuahuan Desert region. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct. 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. p 163-92.
 1271. SCHMIDLY DJ. 1977. The mammals of Trans-Pecos Texas, including Big Bend National Park and Guadalupe Mountains National Park. College Station (TX): Texas A&M University. (The W.L. Moody, Jr., natural history series: 2) 225 p.
 1272. SCHMIDLY DJ. 1991. The bats of Texas. College Station (TX): Texas A&M University Press. 188 p.
 1273. SCHMIDT CA, ENGSTROM MD. 1994. Genic variation and systematics of rice rats (*Oryzomys palustris* species group) in southern Texas and northeastern Tamaulipas, México. *J. Mammal.* 75(4):914-28.
 1274. SHINDLE DB. 1995. Habitat use of ocelots in the Tamaulipan biotic province [MSc thesis]. Kingsville (TX): Texas A&M University. 83 p.
 1275. SKILES JR. 1994. Crossing the Tex-Mex border: Mexican bears return to Big Bend National Park, Texas. *Int. Bear News* 3(2):3-4.
 1276. SKILES JR. 1995. Black bears in Big Bend National Park--the Tex-Mex connection. In: Auger J, Black HL, editors. Proceedings of the 5th Western Black Bear Workshop: human-black bear interactions; 1994 Feb 22-25; Provo, UT. Provo: Brigham Young University Press. p 67-73.
 1277. SMITH DD. 1975. Record of the red bat in Brewster County, Texas. *Tex. J. Sci.* 26(3&4):601-2.
 1278. SNYDER WA. 1959. Game management surveys: deer forage nutrition study. New Mexico Dept. of Game and Fish. Project nr N.M. W-075-R-06/WK.PL.14/Job 08. 7 p. Available from: Fish and Wildlife Reference Service; MIN nr 307480208.
 1279. SNYDER WA. 1961. A chemical analysis of thirteen major deer forage plants from the Guadalupe Mountains of New Mexico and their adequacy for maintaining deer [MSc thesis]. [Las Cruces (NM)]: New Mexico State University. 45 p. Available from: Fish and Wildlife Reference Service, MIN nr 307480213.
 1280. STANGL FB, JR. 1992. First record of *Sigmodon fulviventer* in Texas: natural history and cytogenetic observations. *Southwest. Nat.* 37:213-4.
 1281. STANGL FB, JR. 1992. A new subspecies of the tawny-bellied cotton rat, *Sigmodon fulviventer*, from Trans-Pecos Texas. *Occas. Pap. Mus. Tex. Tech. Univ.* 145:1-4.
 1282. STINE WD, JR. 1975. Determination of winter-spring home ranges of coyotes (*Canis latrans*) by radio telemetry in Big Bend National Park, Texas [MSc thesis]. Alpine (TX): Sul Ross State University. 62 p.
 1283. STRONG PI. 1982. Beaver-cottonwood interactions and beaver ecology in Big Bend National Park [MSc thesis]. Stillwater (OK): Oklahoma State University. 82 p.
 1284. STRONG PI, BISSONETTE JA. 1982. Beaver ecology and management in Big Bend National Park. Stillwater (OK): Oklahoma State University. 61 p. Located at: Big Bend National Park.
 1285. STRONG PI, BISSONETTE JA. 1988. Ecological implications of living in desert riparian habitats: beaver. Alpine (TX): Chihuahuan Desert Research Institute. (Contributed papers of the 2nd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico: 17) 7 p.
 1286. SULLIVAN RM. 1994. Micro-evolutionary differentiation and biogeographic structure among

- coniferous forest populations of the Mexican woodrat (*Neotoma mexicana*) in the American Southwest: a test of the vicariance hypothesis. *J. Biogeogr.* 21(4):369-89.
1287. SWEPSTON DA. 1980. Nongame wildlife investigations, job no. 15: kit fox survey, final report. Austin (TX): Texas Parks and Wildlife Dept. Project nr W-103-R-9. 8 p. Available from: Fish and Wildlife Reference Service; MIN nr 428280624.
 1288. SWEPSTON DA. 1981. Pecos River muskrat survey: final report. Austin (TX): Texas Parks and Wildlife Dept. Federal aid in wildlife restoration Texas project nr W-103-R-11, Nongame wildlife investigations, job nr 11. 26 p.
 1289. SWEPSTON DA, HAILEY TL. 1991. Texas pronghorns. Austin (TX): Texas Parks and Wildlife Dept. 18 p.
 1290. SYNATZSKE DR. 1985-86. Evaluation of spotlight, fixed-wing aircraft, and helicopter censusing of white-tailed deer in South Texas: performance report as required by Federal Aid in Wildlife Restoration Act, Texas. Austin (TX): Texas Parks and Wildlife Dept. Federal aid project nrs W-109-R-8, W-109-R-9. 2 v.
 1291. TAMSITT JR. 1954. The mammals of two areas in the Big Bend region of Trans-Pecos Texas. *Tex. J. Sci.* 1:33-61.
 1292. TAYLOR JR. 1961. Investigations of big game and ranges: analysis of food habit samples. New Mexico Department of Game and Fish. Project nr N.M. W-075-R-08/Wk.Pl.18/ Job 08. 10 p. Available from: Fish and Wildlife Reference Service; MIN nr 307480214.
 1293. TAYLOR RB. 1990. Wildlife research and management surveys, nongame resources: black bear status, performance report. [Austin (TX)]: Texas Parks and Wildlife Department. Federal aid project nr W-125-R-1, job nr 68. 10 p.
 1294. TAYLOR RB. 1991. Black bear status. Performance report, Federal aid project nr W-125-R-2, job 68. 10 p.
 1295. TAYLOR RB. 1993. Black bear status. Austin (TX): Texas Parks and Wildlife Department. Federal aid project nr W-125-R-4. (Wildlife research and management job: 68) 7 p.
 1296. TAYLOR RB. 1994. Black bear status. Austin (TX): Texas Parks and Wildlife Department. Federal aid project nr W-125-R-5. (Wildlife research and management job: 68) 9 p.
 1297. TAYLOR WP. 1947. Recent record of the jaguar in Texas. *J. Mammal.* 28:66.
 1298. TEWES ME. 1990. Cat country. *Tex. Parks Wildl.* 48:4-11.
 1299. TEWES ME, EVERETT DD. 1982. Study of the endangered ocelot occurring in Texas: year-end report. Albuquerque (NM): U.S. Fish and Wildlife Service. 54 p.
 1300. TEWES ME, EVERETT DD. 1986. Status and distribution of the endangered ocelot and jaguarundi in Texas. In: Miller SD, Everett DD, editors. *Cats of the world: biology, conservation, and management. Proceedings of the 2nd international symposium; 1982; Caesar Kleberg Wildlife Research Institute, Texas A&I University, Kingsville (TX).* Washington: National Wildlife Federation. p 147-58.
 1301. TEWES ME, MILLER SD. 1987. Future research for the endangered ocelot population of the United States. In: Odom RR, Riddleberger KA, Ozier JC, editors. *Proceedings of the 3rd Southeastern Nongame and Endangered Wildlife Symposium; 1987 Aug 8-10; University of Georgia, Athens (GA).* [Atlanta (GA)]: Georgia Dept. Natural Resources, Game and Fish Division.
 1302. THAELEER CS, JR., ALBERICO MS, HINESLEY LL. 1978. Nongame wildlife studies: distributional and ecological study of *Thomomys umbrinus emotus* (southern pocket gopher) in New Mexico. New Mexico Dept. of Game and Fish. Project nr N.M. FW-017-R-07. 18 p. Available from: Fish and Wildlife Reference Service; MIN nr 308280421.
 1303. TUTTLE MD. 1989. Texas bats: a resource in peril. *Tex. Parks Wildl.* 47(4):2-7.
 1304. U.S. FISH AND WILDLIFE SERVICE. NATIONAL FISH AND WILDLIFE LABORATORY. 1980. Selected vertebrate endangered species of the seacoast of the United States: the ocelot. Washington: U.S. Fish and Wildlife Service, Biological Services Program. FWS/OBS-80/01.9. 5 p.
 1305. U.S. FISH AND WILDLIFE SERVICE. NATIONAL FISH AND WILDLIFE LABORATORY. 1980. Selected vertebrate endangered species of the seacoast of the

- United States: the jaguar. Washington: U.S. Fish and Wildlife Service, Biological Services Program. FWS/OBS-80/01.41. 6 p.
1306. U.S. FISH AND WILDLIFE SERVICE. NATIONAL FISH AND WILDLIFE LABORATORY. 1980. Selected vertebrate endangered species of the seacoast of the United States: the jaguarundi. Washington: U.S. Fish and Wildlife Service, Biological Services Program. FWS/OBS-80/01.45. 5 p.
 1307. UZZELL PB. 1958. Trans-Pecos game management survey: deer food habits study. Texas Parks and Wildlife Dept. Project nr Tex. W-057-R-05/Job 07. 21 p. Available from: Fish and Wildlife Reference Service; MIN nr 426881336.
 1308. VAN PELT AF. 1977. A mountain lion kill in Southwest Texas. Southwest. Nat. 22(2):271.
 1309. VILLA RAMIREZ B. 1977. Major game mammals and their habitats in the Chihuahuan Desert region. In: Wauer RH, Riskind DH, editors. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) p 155-61.
 1310. WAID DD. 1990. Movements, food habits, and helminth parasites of mountain lions in southwestern Texas [dissertation]. [Lubbock (TX)]: Texas Tech University. 129 p.
 1311. WAID DD, PENCE DB, WARREN RJ. 1985. The ecology of mountain lions in Big Bend National Park. Res. Highl. Noxious Brush Weed Control Range Wildl. Manage. 16:35-6.
 1312. WAID DD, WARREN RJ. 1983. The ecology of mountain lions in Big Bend National Park. Res. Highl. Noxious Brush Weed Control Range Wildl. Manage. 14:40.
 1313. WALLMO OC. 1959. Mountain lion records for Big Bend National Park, Texas, 1952-1959. 3 p. Located at: Big Bend National Park.
 1314. WALLMO OC, JACKSON AW, HAILEY TL. 1962. Influence of rain on the count of deer pellet groups. Texas Parks and Wildlife Department. Project nr Texas W-057-R; Texas W-062-R; Texas W-081-R. 6 p. Available from: Fish and Wildlife Reference Service; MIN nr 427520359.
 1315. WARNER R. 1964. Small mammal trapping at Panther Pass, Hannold Grave area and Rio Grande Village. 13 p. Located at: Big Bend National Park.
 1316. WAUER RH. [date unknown]. Mammals of Big Bend National Park. 2 p. National Park Service. Located at: National Park Service, Southwest Support Office.
 1317. WHITAKER JO, EASTERLA DA. 1975. Ectoparasites of bats from Big Bend National Park, Texas. Southwest. Nat. 20(2):241-54.
 1318. WILKINS KT, SCHMIDLY DJ. 1979. Identification and distribution of three species of pocket mice (genus *Perognathus*) in Trans-Pecos Texas. Southwest. Nat. 24:17-32.
 1319. WILSON DE, MEDELLÍN RA, LANNING DV. 1985. Los murciélagos del noreste de México, con una lista de especies. Acta Zool. Méx. Nueva Ser. 8:1-26.
 1320. WINDBERG LA, ANDERSON HL, ENGEMAN RM. 1985. Survival of coyotes in southern Texas. J. Wildl. Manage. 49(2):301-7.
 1321. WINDBERG LA, ENGEMAN RM, BROMAGHIN JF. 1991. Body size and condition of coyotes in southern Texas. J. Wildl. Dis. 27(1):47-52.
 1322. WINKLER CK. 1963. South central Texas game management survey: to develop appropriate census techniques for deer. Texas Parks and Wildlife Dept. Project nr Tex. W-081-R-06/ Job 02. 12 p. Available from: Fish and Wildlife Reference Service; MIN nr 426881961.
 1323. YANCEY FD II. 1996. Diversity, distribution, and natural history of the mammals of Big Bend Ranch State Park, Texas [dissertation]. Lubbock (TX): Texas Tech University. 465 p.
 1324. YANCEY FD II, JONES C. 1996. Notes on three species of small mammals from the Big Bend region of Texas. Tex. J. Sci. 48:247-50.
 1325. YANCEY FD II, JONES C, GOETZE JR. 1995. Notes on harvest mice (*Reithrodontomys*) of the Big Bend region of Texas. Tex. J. Sci. 47:263-8.
 1326. YANCEY FD II, JONES C, MANNING RW. 1995. The eastern pipistrelle, *Pipistrellus subflavus* (Chiroptera: Vespertilionidae) from the Big Bend region of Texas. Tex. J. Sci. 47:229-31.

D. 5. MAMMALS

E. Ecology

1. General Ecological Surveys

1327. BAILEY V. 1905. Biological survey of Texas. N. Am. Fauna 25:1-222.
1328. BRYAN CE. 1971. An ecological survey of the Arroyo Colorado, Texas 1966-1969. [Austin (TX)]: Texas Parks and Wildlife Department. (Texas Parks and Wildlife Dept. Technical series: 10) 28 p.
1329. DAVIS WB. 1957. Ecological survey of the Big Bend area. College Station (TX): Texas A&M University, Department of Wildlife Management, Texas Agricultural Experiment Station. 123 p.
1330. FARMER M. 1992. A natural resource survey of Palo Alto National Battlefield. National Park Service. 24 p. Available from: NPS Denver Service Center, Technical Information Center.
1331. HUBBARD JP, CONWAY MC, SCHMITT CG, HATCH MD. 1977. A biological inventory of the Animas Mountains, Hidalgo County, New Mexico. [Albuquerque (NM)]: New Mexico Dept. of Game and Fish, Endangered Species Program. 56 p. Available from: Fish and Wildlife Reference Service; MIN nr 307880020.
1332. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1898. Report of the Boundary Commission upon the survey and re-marking of the boundary between the United States and Mexico west of the Rio Grande, 1891 to 1896. Washington: U.S. Government Printing Office. (55th Cong., 2nd Sess., Senate Doc. 247) 2 v.
1333. JOHNSON MS. 1935. Preliminary report on Big Bend wildlife survey of Big Bend National Park (proposed), Texas. 47 p. Located at: Big Bend National Park.
1334. LOBELLO RL. 1976. Vertebrate fauna of the Bofecillos Mountains, Presidio County, Texas. In: Bofecillos Mountains. Austin (TX): University of Texas at Austin, Lyndon B. Johnson School of Public Affairs. (A natural area survey: 12) p 131-9.
1335. LOBELLO RL. 1976. Vertebrates of the Lake Amistad National Recreation Area, Texas [MSc thesis]. [Alpine (TX)]: Sul Ross State University. 165 p.
1336. LYNDON B. JOHNSON SCHOOL OF PUBLIC AFFAIRS. 1976. Rio Grande-Falcon Thorn Woodland. Austin (TX): University of Texas at Austin, Lyndon B. Johnson School of Public Affairs. (A natural area survey: 13) 92 p.
1337. MARSH EG. 1936. Biological survey of the Santa Rosa and del Carmen Mountains of northern Coahuila. 99 p. Located at: Big Bend National Park.
1338. MILLER G. 1989. The living desert: plants and animals of West Texas thrive in a harsh environment. Tex. Highw. 1989(Aug):18-27.
1339. MOORE TD. 1961. Job completion report: Trans-Pecos game management survey job no. 9, Big Bend ecological survey. Austin (TX): Texas Game and Fish Commission. Project nr W-57-R-9. 29 p.
1340. RADINOVSKY S. 1971. An ecological inventory of Big Bend, Texas and other regions. 20 p. Located at: Big Bend National Park.
1341. RICHARD NL, RICHARDSON AT. 1993. Biological inventory, natural history, and human impact of Palo Alto National Battlefield. National Park Service. 37 p. Available from: NPS Denver Service Center, Technical Information Center.
1342. SANCHEZ ML, CREASEY M, DITTO L, DOLMAN B, CANSECO G, ROBLEDA MOGUEL M. 1992. The cultural and natural resources of Los Caminos del Rio Heritage Corridor: an interdisciplinary evaluation. [place unknown]: Texas Historical Commission and the National Park Service. 40 p.
1343. SCUDDAY JF. 1976. Vertebrate fauna of the Colorado Canyon area. In: Colorado Canyon. Austin (TX): University of Texas at Austin, Lyndon B. Johnson School of Public Affairs. (A natural area survey: 11) p 99-116.
1344. SCUDDAY JF. 1976. Vertebrate fauna of the Fresno Canyon area. In: Fresno Canyon. Austin (TX): University of Texas at Austin, Lyndon B. Johnson School of Public Affairs. (A natural area survey: 10) p 109-14.
1345. SCUDDAY JF. 1976. Vertebrate fauna of the Solitario. In: Lyndon B. Johnson School of Public

- Affairs. The Solitario. Austin (TX): University of Texas at Austin. Prepared for Texas Parks and Wildlife Dept., General Land Office, and the Historical Commission; TX Doc. nr P400.7, N219. (A natural area survey: 9) p 109-114.
1346. SMITH TF. 1936. Wildlife report on the proposed Big Bend National Park of Texas. 10 p. Located at: Big Bend National Park.
 1347. TAYLOR WP, MCDUGALL WB, DAVIS WB. 1944. Ecological survey. 67 p. National Park Service. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 72.
 1348. TAYLOR WP, MCDUGALL WB, PRESNALL CC, SCHMIDT KP. 1945. Preliminary biological survey of the northern Sierra del Carmen, Coahuila, México, 1945 Apr 1-10. U.S. Fish and Wildlife Service. 48 p. Located at: National Park Service, Southwest Support Office.
 1349. TEXAS AGRICULTURAL EXPERIMENT STATION. 1957. Trans-Pecos game management survey: ecological survey of the Big Bend area, methods and discussion. [Austin (TX)]: Texas Parks and Wildlife Department. Project nr Tex. W-057-R-05/Job 09/PT1. 127 p. Available from: Fish and Wildlife Reference Service; MIN nr 426881337.
 1350. THOMPSON BH. 1934. Report upon the wildlife of the Big Bend area of the Rio Grande, Texas. 10 p. Located at: Big Bend National Park.
 1351. WALLMO OC. 1958-61. Trans-Pecos game management survey: Big Bend ecological survey. Austin (TX): Texas Parks and Wildlife Department. Project nrs Tex. W-057-R-06 -- W-057-R-09/Job 09. 4 v. Available from: Fish and Wildlife Reference Service; MIN nrs 426881344, 426881350, 426881359, 426881366.
 1352. WARNOCK BH. 1955. Ecological survey of the Big Bend area. Austin (TX): Texas Game and Fish Commission. 1 v.
 1353. WARNOCK BH. 1955-61. Ecological survey of the Big Bend area, quarterly reports. [multiple sections]. Located at: Big Bend National Park.
 1354. WARNOCK BH. 1970. Summary of the belt transects from the ecological survey of the Big Bend area. Located at: Big Bend National Park.
 1355. WAUER RH. 1980. Naturalist's Big Bend: an introduction to the trees and shrubs, wildflowers, cacti, mammals, birds, reptiles and amphibians, fish, and insects. Rev. ed. College Station (TX): Texas A&M University Press. 149 p.
 1356. WORTHINGTON RD. 1995. Biota of the Franklin Mountains. 94 p. [unpublished report to the Texas Parks and Wildlife Dept.]. Available from: Floristic Inventories of the Southwest Program.
 1357. WORTHINGTON RD. 1996. Biotic resources of Hueco Tanks State Historical Park, El Paso County, TX, and the surrounding Hueco Mountains. [unpublished report to the Texas Parks and Wildlife Dept.]. Available from: Floristic Inventories of the Southwest Program.

2. Terrestrial Ecology

1358. ALLEN TM. 1976. Some preliminary ecological impact data: birds and *Agave havardiana* Trel. 3 p. Located at: Big Bend National Park.
1359. ALLEN TM. 1977. A survey of the avifaunal associates of *Agave havardiana* Trel. in Big Bend National Park [MA thesis]. Arlington (TX): University of Texas. 51 p.
1360. ALLEN TM, NEILL RL. 1979. Avifaunal associates of *Agave havardiana* Trel., in Big Bend National Park. In: Linn RM, editor. Proceedings of the 1st Conference on Scientific Research in the National Parks; 1976 Nov 9-12; New Orleans, LA. [Washington]: National Park Service. (Transactions and proceedings series (United States. National Park Service): 5) p 479-82.
1361. ARCHER S, SCIFRES C, BASSHAM CR. 1988. Autogenic succession in a subtropical savanna: conversion of grassland to thorn woodland. Ecol. Monogr. 58(2):111-27.
1362. BACCUS JT. 1971. The influence of a return of native grasslands upon the ecology and distribution of small rodents in Big Bend National Park [dissertation]. Denton (TX): North Texas State University. 114 p. Available from: University Microfilms International.

1363. BARLOW JC, POWELL MA, TIMMERMAN BN, editors. 1986. Invited papers from the 2nd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico, 1983 Oct 20-21; Sul Ross State University. Alpine (TX): Sul

E. 1. GENERAL ECOLOGICAL SURVEYS

- Ross State University, Chihuahuan Desert Research Institute. 172 p.
1364. BLAIR WF. 1950. The biotic provinces of Texas. *Tex. J. Sci.* 2(1):93-117.
1365. BOX TW. 1961. Relationships between plants and soils of four range plant communities in South Texas. *Ecology* 42:794-810.
1366. BOX TW, POWELL J, DRAWE DL. 1967. Influence of fire on South Texas chaparral communities. *Ecology* 48:955-61.
1367. BOX TW, WHITE RS. 1969. Fall and winter burnings of South Texas brush ranges. *J. Range Manage.* 22:373-6.
1368. BUNTING SC, WRIGHT HA. 1977. Effects of fire on desert mountain shrub vegetation in Trans-Pecos, Texas. *Res. Highl. Noxious Brush Weed Control Range Wildl. Manage.* 8:14-5.
1369. CONLEY W, CONLEY MR, KARL TR. 1992. A computational study of episodic events and historical context in long-term ecological processes: climate and grazing in the northern Chihuahuan Desert. *Coenoses* 7:1-19.
1370. DENYES HA. 1956. Natural terrestrial communities of Brewster County, Texas with special reference to the distribution of the mammals. *Am. Midl. Nat.* 55(2):289-320.
1371. DICK-PEDDIE WA, ALBERICO MS. 1977. Fire ecology study of the Chisos Mountains, Big Bend National Park, Texas: phase I. Alpine (TX): The Chihuahuan Desert Research Institute. (CDRI contribution: 35) 47 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 81.
1372. DODD SD, HOLTZ ST. 1972. Integration of burning with mechanical manipulation of South Texas grassland. *J. Range Manage.* 25:130-5.
1373. GALEN DF. 1956. Tropical aspects of the Tamaulipan biotic province [MSc thesis]. Kingsville (TX): Texas College of Arts and Industries. 39 p.
1374. GENOWAYS HH, BAKER RJ, editors. 1979. Biological investigations in the Guadalupe Mountains National Park, Texas: proceedings of a symposium; 1975 Apr 4-5; Texas Tech University, Lubbock (TX). Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 4) 442 p.
1375. GOLDMAN EA, MOORE RT. 1945. The biotic provinces of Mexico. *J. Mammal.* 26:347-60.
1376. HOWE MA, BOGAN MA, DAWSON DK, WILSON DE, MCALLISTER LS, GEISSLER PH. 1986. The effects of habitat fragmentation on wildlife populations in the Lower Rio Grande Valley: a pilot study. Final report to Santa Ana and Lower Rio Grande Valley National Wildlife Refuges. [Albuquerque (NM)]: U.S. Fish and Wildlife Service. 31 p.
1377. JAHRSDOERFER SE, LESLIE DM, JR. 1988. Tamaulipan brushland of the Lower Rio Grande Valley of South Texas: description, human impacts, and management options. Washington: United States Department of the Interior, Fish and Wildlife Service. (Biological report (Washington, D.C.): 88 (36)) 63 p. Available from: National Technical Information Service (NTIS).
1378. KRAUSMAN PR, LEOPOLD BD. 1988. Influence of large herbivores on Chihuahuan Desert vegetation. *Southwest. Nat.* 33(1):107-10.
1379. LUDWIG JA. 1985. Final report on monitoring desertification trends in desert grasslands of the USA-Mexico border region. Cooperative research grant nr 59-2351-1-2-085-0. 1 v. Located at: Big Bend National Park.
1380. MEENTS JK, MOIR WH. 1981. Fire ecology of the Chisos Mountains, Big Bend National Park, Texas: effect of a prescribed burn in Boot Canyon and description of two new reference plots. Alpine (TX): Chihuahuan Desert Research Institute. Final report prepared for the National Park Service under contract nr CX 70298005. (CDRI contribution: 117) 1 v.
1381. MEENTS JK, MOIR WH. 1982. Fire ecology of desert grasslands, Big Bend National Park, Texas: description of experimental plots, evaluation of a natural burn, and literature review. Alpine (TX): Chihuahuan Desert Research Institute. (CDRI contribution: 120) 31 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 45.
1382. MOIR WH. 1980. Two centuries of fire in the high Chisos, Big Bend National Park, Texas. Alpine (TX): Chihuahuan Desert Research Institute. (CDRI contribution: 62) 19 p.

1383. MOIR WH. 1982. A fire history of the high Chisos, Big Bend National Park, Texas. *Southwest. Nat.* 27(1):87-98.
1384. MOIR WH, MEENTS JK. 1981. Fire ecology study of the Chisos Mountains, Big Bend National Park, Texas, phase II: effect of a prescribed burn in Boot Canyon and description of two new reference plots. Alpine (TX): Chihuahuan Desert Research Institute. National Park Service contract nr CX 702980005. (CDRI contribution: 117) 27 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 37.
1385. NABHAN GP, BUCHMANN S. 1995. Disrupted plant-pollinator relationships in the U.S.-Mexico border states: effects of chemically-induced habitat fragmentation. *Am. J. Bot.* 82(6 Suppl.):3.
1386. PALMER NM. 1949. An approach to the ecology of the Lower Rio Grande Valley [MA thesis]. Austin (TX): University of Texas. 80 p.
1387. POWELL AM, HOLLANDER RH, BARLOW JC, MCGILLIVRAY WB, SCHMIDLY DJ, editors. 1990. Papers from the 3rd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico; 1988 Nov 10-12; Sul Ross State University. Alpine (TX): Chihuahuan Desert Research Institute. 191 p.
1388. SCOTT PE. 1989. Ecological consequences of variation in pollinator availability: ocotillo, carpenter bees, and hummingbirds in two deserts [dissertation]. Baton Rouge (LA): Louisiana State University. 134 p.
1389. STEINBERGER Y, WHITFORD WG. 1983. The contribution of shrub pruning by jackrabbits to litter input in a Chihuahuan desert ecosystem in Mexico. *J. Arid Environ.* 6(2):183-7.
1390. UNITED STATES. NATIONAL PARK SERVICE. 1975. Major habitats. 1 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155E/20024.
1391. VEGA JH, RAPPOLE JH. 1994. Effects of scrub mechanical treatment on the nongame bird community in the Rio Grande plain of Texas. *Wildl. Soc. Bull.* 22(2):165-71.
1392. WAGGERMAN GL, EVANS PK. 1973. Las Palomas Wildlife Management Area: restoration of nesting habitat. Texas Parks and Wildlife Department. Project nr Tex. W-078-D-15/Wk.PI.02/Job 01. 43 p. Available from: Fish and Wildlife Reference Service; MIN nr 427380822.
1393. WAUER RH, RISKIND DH, editors. 1977. Transactions of the Symposium on the Biological Resources of the Chihuahuan Desert Region, United States and Mexico; 1974 Oct 17-18; Sul Ross State University, Alpine (TX). Washington: U.S. Dept. of the Interior, National Park Service. (Transactions and proceedings series (United States. National Park Service): 3) 658 p.
1394. WEBB WL. 1950. Biogeographical regions of Texas and Oklahoma. *Ecology* 31:426-33.
1395. WOLTENBARGER OK III. 1994. Fire effects on three vegetative communities and their associated rodent populations in the Chisos Mountains of Big Bend National Park, Texas [MSc thesis]. [Alpine (TX)]: Sul Ross State University. 36 p.
1396. WORTHINGTON RD, CORRAL RD. 1986. Some effects of fire on shrubs and succulents in a Chihuahuan Desert community in the Franklin Mountains, El Paso County, Texas. Alpine (TX): Chihuahuan Desert Research Institute. (Contributed papers of the 2nd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico: 3) 8 p.
1397. YORK CL. 1949. The physical and vegetational basis for animal distribution in the Sierra Vieja range of southwestern Texas. *Tex. J. Sci.* 1:46-62.

3. Aquatic/Wetland/Riparian Ecology

1398. BACAK-CLEMENTS P. 1988. A survey of avian use and the aquatic fauna of three ponds in Willacy County, Texas [MSc thesis]. Kingsville (TX): Texas A&I University. 115 p.
1399. BOLEN EG, GUTHERY FS. 1982. Playas, irrigation, and wildlife in West Texas. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 47:528-41.
1400. BURKETT DW, THOMPSON BC. 1994. Wildlife association with human-altered water sources in semiarid vegetation communities. *Conserv. Biol.* 8(3):682-90.
1401. DAVIS JR. 1986. Faunal characteristics of a saline stream in the northern Chihuahuan Desert. Alpine (TX): Chihuahuan Desert Research Institute. (Contributed papers of the 2nd Symposium on

- Resources of the Chihuahuan Desert Region, United States and Mexico: 4) 18 p.
1402. DITTON RB, SCHMIDLY DJ, BOEER WJ, GRAEFE AR. 1977. A survey and analysis of recreational and livestock impact on the riparian zone of the Rio Grande in Big Bend National Park. In: Proceedings: symposium, river recreation management and research; 1977 Jan 24-27; Minneapolis, MN. St. Paul (MN): U.S. Dept. of Agriculture, Forest Service. (USDA Forest Service general technical report NC: 28) p 256-66.
1403. EDWARDS RJ and others. 1989. A classification of Texas aquatic communities with special consideration toward the conservation of endangered and threatened taxa. *Tex. J. Sci.* 41:231-40.
1404. ENGEL-WILSON RW, OHMART RD. 1978. Assessment of vegetation and terrestrial vertebrates along the Rio Grande between Fort Quitman, Texas and Haciendita, Texas. Tempe (AZ): Arizona State University. Prepared for the U.S. Section, International Boundary and Water Commission, El Paso, TX in fulfillment of contract nr IBM 77-17. 1 v.
1405. ENGEL-WILSON RW, OHMART RD. 1979. Floral and attendant faunal changes on the lower Rio Grande between Fort Quitman and Presidio, Texas. In: Johnson RR, McCormick JF, technical coordinators. Strategies for protection and management of floodplain wetlands and other riparian ecosystems. Proceedings of the symposium; 1978 Dec 11-13; Callaway Gardens, GA. Washington: U.S. Dept. of Agriculture, Forest Service. (General technical report WO 0197-6109: 12) p 139-47.
1406. HARRIS RR. 1986. Occurrence patterns of riparian plants and their significance to water resource development. *Biol. Conserv.* 38(3):273-86.
1407. HUGHES BG. 1994. Quantitative ecological assessment of trespass livestock impacts to the riparian vegetation of the Rio Grande, Big Bend National Park, Texas [MSc thesis]. Alpine (TX): Sul Ross State University. 91 p.
1408. HUGHES BG, MICKEY KJ. 1993. A reanalysis of recreational and livestock trespass impacts on the riparian zone of the Rio Grande, Big Bend National Park, Texas: final report. National Park Service sub-coop agreement 1, nr CA 7029-2-004. 144 p.
- Located at: National Park Service, Southwest Support Office.
1409. HUNTER WC, OHMART RD, ANDERSON BW. 1988. Use of exotic saltcedar (*Tamarix chinensis*) by birds in arid riparian systems. *Condor* 90(1):113-23.
1410. JOHNSON RR, JONES DA, technical coordinators. 1977. Importance, preservation, and management of riparian habitat: a symposium; 1977 Jul 9; Tucson, AZ. Fort Collins (CO): U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. (General technical report RM: 43) 217 p.
1411. LIEURANCE FS, VALETT HM, CRAWFORD CS, MOLLES MC, JR. 1994. Experimental flooding of a riparian forest: restoration of ecosystem functioning. In: Stanford JA, Valett HM, editors. Proceedings of the 2nd International Conference on Ground Water Ecology; 1994 Mar 27-30; Atlanta, GA. Herndon (VA): American Water Resources Association. p 365-76.
1412. LIND OT. 1979. Limnology of McKittrick Creek, Guadalupe Mountains National Park. In: Genoways HH, Baker RJ, editors. Biological investigations in the Guadalupe Mountains National Park; 1975 Apr. 4-5; Texas Tech University, Lubbock (TX). Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 4) p 123-39.
1413. MARTIN CO, HEHNKE MF. 1981. South Texas potholes: their status and value as wildlife habitat. *Wetlands* 1:19-46.
1414. SCHMIDLY DJ, DITTON RB. 1976. A survey and analysis of recreational and livestock impacts on the riparian zone of the Rio Grande in Big Bend National Park. 160 p. Report prepared for the Office of Natural Resources, Southwest Region, National Park Service, Santa Fe, NM, contract nr CX70050442. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 80.
1415. SCHMIDLY DJ, DITTON RB. 1979. Relating human activities and biological resources in riparian habitats of western Texas. In: R. Roy Johnson, J. Frank McCormick, technical coordinators. Strategies for protection and management of floodplain wetlands and other riparian ecosystems. Proceedings of the symposium; 1978 Dec 11-13;

- Callaway Gardens, GA. Washington: U.S. Dept. of Agriculture, Forest Service. (General technical report WO 0197-6109: 12) p 107-16.
1416. SCHMIDLY DJ, DITTON RB, BOEER WJ, GRAEFE AR. 1979. Inter-relationships among visitor usage, human impact, and the biotic resources of the riparian ecosystem in Big Bend National Park. In: Linn RM, editor. Proceedings of the 1st Conference on Scientific Research in the National Parks; 1976 Nov. 9-12; New Orleans, LA. [Washington]: National Park Service. (Transactions and proceedings series (United States. National Park Service): 5) p 261-8.
 1417. SHAW DW, FINCH DM, technical coordinators. 1996. Desired future conditions for southwestern riparian ecosystems: bringing interests and concerns together; 1995 Sep 18-22; Albuquerque, NM. Fort Collins (CO): U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. (General technical report RM: 272) 359 p.
 1418. SPILLER SF, FRENCH JD. 1986. The value and status of inland pothole wetlands in the Lower Rio Grande Valley, Texas. Corpus Christi (TX): U.S. Fish and Wildlife Service, Ecological Services. 18 p.
 1419. WAUER RH. 1977. Significance of Rio Grande riparian systems upon the avifauna. In: Johnson RR, Jones DA, technical coordinators. Importance, preservation and management of the riparian habitat: a symposium; 1977 Jul 9; Tucson, AZ. Fort Collins (CO): U.S. Forest Service, Rocky Mountain Forest and Range Experiment Station. (General technical report RM: 43) p 165-74.
 1420. BREUER JP. 1962. An ecological survey of the lower Laguna Madre of Texas, 1953-1959. Publ. Inst. Mar. Sci. Univ. Tex. 8:153-83.
 1421. BREUER JP. 1970. A biological survey of the tidewater areas of the Rio Grande. In: Texas Parks and Wildlife Department, Coastal Fisheries Branch. Coastal Fisheries Project Report 1969-1970. [Austin (TX)]: Texas Parks and Wildlife Dept. p 127-139.
 1422. BUSKEY EJ, STOCKWELL DA. 1993. Effects of a persistent "brown tide" on zooplankton populations in the Laguna Madre of South Texas. In: Smayda TJ, Shimizu Y, editors. Toxic phytoplankton blooms in the sea. [place unknown]: Elsevier. p 659-66.
 1423. DEYOE HR, SUTTLE CA. 1994. The inability of the Texas "brown tide" alga to use nitrate and the role of nitrogen in the initiation of a persistent bloom of this organism. J. Phycol. 41:374-85.
 1424. EVERITT JH, JUDD FW. 1989. Using remote sensing techniques to distinguish and monitor black mangrove (*Avicennia germinans*). J. Coastal Res. 5:737-45.
 1425. HEDGPETH JW. 1967. Ecological aspects of the Laguna Madre, a hypersaline estuary. In: Lauff GH, editor. Estuaries. Washington: American Association for the Advancement of Science. (Publication (American Association for the Advancement of Science): 83) p 408-19.
 1426. JUDD FW, LONARD RI. [1985]. Effects of perturbations on South Padre Island. In: Converse H, Magoon OT, Tobin LT, editors. Coastal zone '85: post-conference volume, 4th Symposium on Coastal and Ocean Management; 1985 Jul 30-Aug 2; Baltimore, MD. San Francisco: Coastal Zone Foundation. p 1855-69.
 1427. JUDD FW, LONARD RI, EVERITT JH, VILLARREAL R. 1989. Effects of vehicular traffic in secondary dunes and vegetated flats of South Padre Island, Texas. In: Magoon OT and others, editors. Coastal zone '89: proceedings of the 6th Symposium on Coastal and Ocean Management; 1989 Jul 11-14; Charleston, SC. New York: American Society of Civil Engineers. p 4634-45.
 1428. JUDD FW, SIDES SL. 1983. Effects of Hurricane Allen on the nearshore vegetation of South Padre Island, Texas. Southwest. Nat. 28:365-9.
 1429. KIER RS, FRUH EG, editors. [1976]. Methodology to evaluate alternative coastal zone management policies, application in the Texas coastal zone: example application IV, transferability of methodology to the Lower Rio Grande Valley. Austin (TX): University of Texas at Austin, Division of Natural Resources and Environment, Center for Research in Water Resources. 391 p. Available from: National Technical Information Service (NTIS); PB-282 857/2.

1430. MCMAHAN CA. 1968. Biomass and salinity tolerance of shoalgrass and manateeegrass in lower Laguna Madre, Texas. Texas Parks and Wildlife Department. Project nr Texas W-029-R. 6 p. Available from: Fish and Wildlife Reference Service; MIN nr 427320315.
1431. McMILLAN C. 1985. The seed reserve for *Halodule wrightii*, *Syringodium filiforme* and *Ruppia maritima* in Laguna Madre, Texas. Contrib. Mar. Sci. 28:141-9.
1432. MERKORD GW. 1978. The distribution and abundance of seagrasses in Laguna Madre of Texas [MSc thesis]. Kingsville (TX): Texas A&I University. 56 p.
1433. ONUF CP. 1994. Seagrasses, dredging and light in Laguna Madre, Texas, U.S.A. Estuarine Coastal Shelf Sci. 39:75-91.
1434. ONUF CP. 1995. Seagrass meadows of the Laguna Madre of Texas. In: LaRoe ET, Farris GS, Puckett CE, Doran PD, Mac MJ, editors. Our living resources: a report to the nation on the distribution, abundance, and health of U.S. plants, animals, and ecosystems. Washington: U.S. Dept. of the Interior, National Biological Service. p 275-7.
1435. ONUF CP. 1996. Biomass patterns in seagrass meadows of Laguna Madre. Bull. Mar. Sci. 58:404-20.
1436. ONUF CP. 1996. Seagrass responses to long-term light reduction by brown tide in upper Laguna Madre, Texas: distribution and biomass patterns. Mar. Ecol. Prog. Ser. 138:219-31.
1437. PULICH WM, JR. 1980. Ecology of a hypersaline lagoon: the Laguna Madre. In: Fore PL, Peterson RD, editors. Proceedings of the Gulf of Mexico Coastal Ecosystems Workshop; 1979 Sep 4-7; Port Aransas, TX. Albuquerque (NM): U.S. Fish and Wildlife Service. (FWS/OBS: 80/30) p 103-22.
1438. QUAMMEN ML, ONUF CP. 1993. Laguna Madre: seagrass changes continue decades after salinity reduction. Estuaries 16(302-310).
1439. STOCKWELL DA, BUSKEY EJ, WHITLEDGE TE. 1993. Studies on conditions conducive to the development and maintenance of a persistent "brown tide" in Laguna Madre, Texas. In: Smayda TJ, Shimizu Y, editors. Toxic phytoplankton blooms in the sea. [New York]: Elsevier. p 693-8.
1440. TEXAS DEPARTMENT OF WATER RESOURCES. 1983. Laguna Madre estuary: a study of the influence of freshwater inflows. Austin (TX): Texas Department of Water Resources. (Limited publication (Texas. Dept. of Water Resources): 182) [270] p.
1441. WHITLEDGE TE. 1993. The nutrient and hydrographic conditions prevailing in Laguna Madre, Texas before and during a brown tide bloom. In: Smayda TJ, Shimizu Y, editors. Toxic phytoplankton blooms in the sea. [place unknown]: Elsevier. p 711-6.
1442. WHITLEDGE TE, STOCKWELL DA. 1995. Effects of nutrient distributions on phytoplankton in lower Laguna Madre: with particular reference to brown tide. Port Aransas (TX): University of Texas at Austin Marine Science Institute. (Technical report (University of Texas Marine Science Institute): 95-004) 49 p.

F. Natural History

1443. BARTLETT JR. 1854. Personal narrative of explorations and incidents in Texas, New Mexico, California, Sonora, and Chihuahua connected with the United States and Mexican Boundary Commission, during the years 1850, '51, '52, and '53. New York: Appleton & Company. 2 v.
1444. BIG BEND NATURAL HISTORY ASSOCIATION. 1984-. Research Newsletter: Big Bend National Park. Big Bend National Park (TX): Big Bend Natural History Association in cooperation with National Park Service.
1445. BLAKE TA, STEINHART P. 1994. Two eagles/dos águilas: the natural world of the United States - Mexico borderlands. Berkeley (CA): University of California Press. 202 p.
1446. BONES J. 1990. The Rio Grande: from aspens to palms. Audubon 92:54-67.
1447. CASEY CB. 1970. The Candelilla wax industry in the Big Bend country. 200 p. Located at: Big Bend National Park.
1448. COOKE PSG, WHITING WHC, AUBRY FX. 1938. Exploring southwestern trails, 1846-1854. Bieber RP, editor. Glendale (CA): The Arthur H. Clark Company. 383 p.
1449. DIBBLE DS, LORRAIN D. 1968. Bonfire shelter: a stratified bison kill site, Val Verde County, Texas. Misc. Pap., Texas Mem. Mus. 1:1-138.
1450. DONOHUE GS. 1991. Spaniards discover the Rio Grande. Penitas (TX): Chaparral Garden Press. 24 p.
1451. EMORY WH. 1857-59. Report on the United States and Mexican boundary survey, made under the direction of the Secretary of the Interior. Washington: Wendell (Reprinted 1987 Austin (TX): Texas State Historical Association). 2 v.
1452. FOSCUE EJ. 1939. Historical geography of the Lower Rio Grande Valley of Texas. Tex. Geogr. Mag. 111(1):1-15.
1453. GEHLBACH FR. 1981. Mountain islands and desert seas: a natural history of the U.S.-Mexican borderlands. College Station (TX): Texas A&M University Press. 298 p.
1454. GILPIN L. [1949]. The Rio Grande, river of destiny: an interpretation of the river, the land, and the people. New York: Duell, Sloan, and Pearce. 243 p.
1455. GOLDMAN EA. 1951. Biological investigations in Mexico. Smithson. Misc. Collect. 115:1-476.
1456. HAMMOND GP, REY A, translators. 1929. Expedition into New Mexico made by Antonio de Espejo 1582-1583. Los Angeles: The Quivira Society of Los Angeles (New York: Arno Press 1967). 143 p.
1457. HORGAN P. 1984. Great river: the Rio Grande in North American history. 4th ed. Hanover (NH): Wesleyan University Press (Originally published 1954 New York: Rinehart). 1020 p.
1458. PIERCE FC. 1962. A brief history of the Lower Rio Grande Valley. [place unknown]: Rio Grande Valley Historical Society (Reprint of 1917 ed. Menasha (WI): George Banta Pub. Co.). 200 p.
1459. QUAMMEN D. 1990. It's a long river with a long history. Audubon 92(Mar):68-79.
1460. RAMAMOORTHY TP, editor. 1993. Biological diversity of Mexico: origins and distribution. New York: Oxford University Press. 812 p.
1461. TENNANT A. 1982. Mountain islands, desert seas. Nat. Conserv. News 32(5):19-23.
1462. TUNNELL CD. 1981. Wax, men, and money: a historical and archeological study of candelilla wax camps along the Rio Grande border of Texas. Austin (TX): Texas Historical Commission, Office of the State Archeologist. 97 p.
1463. TYLER RC. 1975. The Big Bend: a history of the last Texas frontier. Washington: U.S. Dept. of the Interior, National Park Service. 288 p.
1464. WAUER RH. 1992. Naturalist's Mexico. College Station (TX): Texas A&M University Press. 304 p.
1465. WERNE JR. 1991. Surveying the Rio Grande, 1850-1853. Southwest. Hist. Q. 94(4):535.

G. Soils, Forestry, and Agriculture

1466. BECK MW, HENDRICKSON BH. 1928. Soil survey, Cameron County, Texas. Washington: U.S. Government Printing Office. (U.S. Department of Agriculture. Bureau of Chemistry and Soils. Soil survey report, series 1923: 17) p 537-575 .
1467. BROWN KW, GERARD CJ, DEMICHELE DW, SHARPE PJH, HIPPI BW. 1974. An investigation of the return flow from irrigated land. [College Station (TX)]: Texas A&M University, Water Resources Institute. Technical report nr 60. 541 p. Available from: National Technical Information Service (NTIS); PB-237 073.
1468. BROWN KW, GERARD CJ, DEMICHELE DW, SHARPE PJH, HIPPI BW. 1976. The influence of trickle irrigation on the quality of irrigation return flow. [College Station (TX)]: Texas A&M University, Texas Water Resources Institute. Project nr B-156-TEX. (Texas A&M University, College Station. Texas Water Resources Institute. Technical report: 70) 77 p.
1469. CARR JT, JR., JANCA IG and others. 1965. Appendices to Bulletin 6413: water-supply limitations on irrigation from the Rio Grande in Starr, Hidalgo, Cameron, and Willacy counties, Texas. [Austin (TX)]: Texas Water Commission. (Texas Water Commission. Bulletin: 6413A) 137 p.
1470. CARTER WT, CORY VL. 1931. Soils of Trans-Pecos Texas and some of their vegetative relations. *Trans. Tex. Acad. Sci.* 15:19-32.
1471. CARTWRIGHT B, EDELSON JV, CHAMBERS C. 1987. Composite action thresholds for the control of lepidopterous pests on fresh-market cabbage in the Lower Rio Grande Valley of Texas. *J. Econ. Entomol.* 80:175-81.
1472. DAVIS RB, SPICER RL. 1965. Status of the practice of brush control in the Rio Grande plain. Austin (TX): Texas Parks and Wildlife Dept. (Texas Parks and Wildlife Dept. Bulletin: 46) 40 p.
1473. ESTRADA A, MIKUS FF. 1950. Selenium content of the soils of the Lower Rio Grande Valley of Texas. *Tex. J. Sci.* 2:541-2.
1474. FANNING CD, THOMPSON CM, ISSACS D. 1965. Properties of saline range soils of the Rio Grande plain. *J. Range Manage.* 18(4):190-3.
1475. FIPPS G. 1990. Managing irrigation water salinity in the Lower Rio Grande Valley. College Station (TX): Texas Agricultural Experiment Station. 12 p.
1476. FIPPS G. 1991. Irrigation drainage water quality issues in the Lower Rio Grande Valley of Texas. In: Byrne J, Fleming C. Proceedings of IRDC-90: irrigation, research and development in the 1990's; 1990 Jul 17-20; Lethbridge, AB (Canada). Lethbridge: University of Lethbridge, Water Resources Institute. p 463-8.
1477. FOLLETT WW. 1896. A study of the use of water for irrigation on the Rio Grande del Norte above Fort Quitman, Texas. In: Proceedings of the International Boundary Commission. Washington: U.S. Government Printing Office.
1478. FOLLETT WW. 1898. A study of the use of water for irrigation in the Rio Grande del Norte. In: Senate Document No. 229, 55th Congress, 2nd Session. Washington: [U.S. Government Printing Office]. p 47-177.
1479. FOSCUE EJ. 1931. Agricultural geography of the Lower Rio Grande Valley of Texas [dissertation]. Worcester (MA): Clark University. 270 p.
1480. FOSCUE EJ. 1933. Irrigation in the Lower Rio Grande Valley of Texas. *Geog. Rev.* 23:457-63.
1481. HARTZ TK. 1984. Salination, a threat to valley agriculture: Lower Rio Grande Valley, Texas, salt concentrates in soil, rivers and lakes, irrigation water. *J. Rio Grande Val. Hortic. Soc.* 37:123-5.
1482. JACOBS JL. 1981. Soil survey of Hidalgo County, Texas. In cooperation with the Texas Agricultural Experiment Station. [Washington]: U.S. Department of Agriculture, Soil Conservation Service. 171 p.
1483. LAW JP, JR. 1987. Effect of irrigated agriculture on groundwater quality: irrigation effects in Oklahoma and Texas. *J. Irrig. Drain. Eng.* 113(1):49-56.
1484. LOWERRE R. 1990. Evaluation of the Forestry Development Project of the World Bank in the Sierra Madre Occidental in Chihuahua and Durango, México. Austin (TX): Texas Center for Policy Studies. 26 p.

1485. LOWERRE R. 1994. 1994 update to evaluation of the forestry development project of the World Bank in the Sierra Madre Occidental in Chihuahua and Durango, México. Austin (TX): Texas Center for Policy Studies. 19 p.
1486. MILFORD MH. 1959. Some physical, chemical, and mineralogical properties of compacted and adjacent soil layers in selected soils of the Lower Rio Grande Valley [MSc thesis]. [College Station (TX)]: Agricultural and Mechanical College of Texas. 68 p.
1487. MONTE MUCHO SOIL AND WATER CONSERVATION SERVICE. 1974. Rio Bravo Resource Conservation and Development Project. Temple (TX): U.S. Dept. of Agriculture, Soil Conservation Service. 264 p.
1488. NOVOSAD CJ. 1974. Aquatic plant control on Lake Corpus Christi. In: Proceedings: Research Planning Conference on Integrated Systems of Aquatic Plant Control; 1973 Oct 29-30. Vicksburg (MS): U.S. Army Engineer Waterways Experiment Station. p 21-3.
1489. PATTERSON TC, WIERENGA PJ. 1974. Irrigation return flow as influenced by drip irrigation. In: Proceedings of the 2nd International Drip Irrigation Congress; 1974 Jul 7-14; San Diego, CA. Riverside (CA): University of California. p 376-81.
1490. SENFT D. 1994. Erosion study crosses the border. Agric. Res. (Washington, D.C.) 42(9):10-3.
1491. SMITH RA, SCHWARZ GE, ALEXANDER RB. 1994. Regional estimates of the amount of U.S. agricultural land located in watersheds with poor water quality. Reston (VA): U.S. Geological Survey. (U.S. Geological Survey open-file report: 94-399) 15 p. Available from: U.S. Geological Survey, Information Services, Open File Reports.
1492. SOLTERO S, BRYANT FC, MELGOZA A. 1989. Standing crop patterns under short duration grazing in northern Mexico. J. Range Manage. 42(1):20-1.
1493. TEXAS A&M UNIVERSITY, DEPARTMENT OF FOREST SCIENCE. 1976. Final report: land use study, lower Rio Grande basin, Texas. College Station (TX): Texas Agriculture Experiment Station. 194 p.
1494. TEXAS WATER DEVELOPMENT BOARD. 1986. Surveys of irrigation in Texas, 1958, 1964, 1969, 1974, 1979, and 1984. Austin (TX): The Board. (Report (Texas Water Development Board): 294) 242 p.
1495. THENAYAN AT. 1970. Organization of agricultural resources in the Lower Rio Grande Valley of Texas with limiting and non-limiting water supply [dissertation]. [College Station (TX)]: Texas A&M University. 231 p. Available from: University Microfilms International.
1496. THOMPSON CM, SANDERS RR, WILLIAMS D. 1972. Soil survey of Starr County, Texas. In cooperation with the Texas Agricultural Experiment Station. [Washington]: U.S. Soil Conservation Service. 126 p. Available from: U.S. Government Printing Office.
1497. TURNER AJ. 1982. Soil survey of Willacy County, Texas. In cooperation with the Texas Agricultural Experiment Station. [Washington]: U.S. Soil Conservation Service. 137 p.
1498. UNITED STATES. DEPT. OF AGRICULTURE. 1968. Comprehensive study of the lower Rio Grande basin, Texas. Fort Worth (TX): USDA, Soil Conservation Service. 2 v.
1499. UNITED STATES. SOIL CONSERVATION SERVICE, TEXAS AGRICULTURAL EXPERIMENT STATION. 1985. Soil survey of Big Bend National Park, part of Brewster County, Texas. [Washington]: Soil Conservation Service. 1 v.
1500. UNITED STATES. SOIL CONSERVATION SERVICE, UNITED STATES. DEPT. OF AGRICULTURE. ECONOMIC RESEARCH SERVICE, UNITED STATES. FOREST SERVICE. 1985. Lower Rio Grande Basin summary report. [New Mexico]: [publisher unknown]. 62 p.
1501. VORA RS, JACOBS JL. 1990. Soil differences between native brush and cultivated fields in the Lower Rio Grande Valley of Texas. Tex. J. Sci. 42(2):167-71.
1502. WILLIAMS D, THOMPSON CM, JACOBS JL. 1977. Soil survey of Cameron County, Texas. Washington: U.S. Dept. of Agriculture, Soil Conservation Service. 92 p.
1503. WYND FL. 1944. The geologic and physiographic background of the soils in the Lower Rio Grande Valley, Texas. Am. Midl. Nat. 32:200-35.

H. Geology, Hydrology, and Water Resources

1504. [ANONYMOUS]. 1978. Hydrogeochemical and stream sediment reconnaissance, basic data for Emory Peak Mountains quadrangle, Texas. 183 p. Available from: National Technical Information Service (NTIS); PC A12/MF AO1 .
1505. BAKER ET, JR. 1971. Relation of ponded floodwater from Hurricane Beulah to groundwater in Kleberg, Kenedy, and Willacy counties, Texas. Austin (TX): Texas Water Development Board. (Texas Water Development Board. Report: 138) 30 p.
1506. BAKER ET, JR., BUSZKA PM, WOODWARD DG. 1993. Hydrogeology, geochemistry, and quality of water of the Basin and Oak Spring areas of the Chisos Mountains, Big Bend National Park, Texas. Austin (TX): U.S. Geological Survey. (Water-resources investigations report: 93-4112) 76 p.
1507. BAKER RC, DALE OC. 1961. Ground-water resources of the Lower Rio Grande Valley area, Texas. Prepared in cooperation with the Geological Survey, U.S. Department of the Interior and the Lower Rio Grande Valley Chamber of Commerce, Inc. [Austin (TX)]: Texas Board of Water Engineers. (Texas Water Commission. Bulletin: 6014) 2 v.
1508. BAKER RC, DALE OC. 1964. Ground-water resources of the Lower Rio Grande Valley area, Texas. Prepared in cooperation with the Texas Board of Water Engineers and the Lower Rio Grande Valley Chamber of Commerce. Washington: U.S. Government Printing Office. (Geological Survey water-supply paper: 1653) 56 p.
1509. BEDINGER MS, SARGENT KA, LANGER WH, editors. 1989. Studies of geology and hydrology in the Basin and Range Province, southwestern United States, for isolation of high-level radioactive waste: characterization of the Rio Grande region, New Mexico and Texas. Washington: U.S. Government Printing Office. (U.S. Geological Survey professional paper: 1370-C) 42 p. Available from: U.S. Geological Survey, Information Services, Open File Reports.
1510. BONE TL, CANTU R, BROWNEE S. 1992. Water for West Texas wildlife. Austin (TX): Texas Parks and Wildlife Dept. Project nr W-129-M. 22 p.
1511. BOWLES DE, ARSUFFI TL. 1993. Karst aquatic ecosystems of the Edwards Plateau region of central Texas, U.S.A.: a consideration of their importance, threats to their existence, and efforts for their conservation. *Aquat. Conserv.* 3:317-29.
1512. BRAND DD. 1937. The natural landscape of northwestern Chihuahua. Albuquerque (NM): University of New Mexico Press. (University of New Mexico bulletin. Geological ser.: 5 (2)) 74 p.
1513. BRUNE GM. 1975. Major and historical springs of Texas. Austin (TX): Texas Water Development Board. (Report (Texas Water Development Board): 189) 94 p.
1514. BRUNE GM. 1981. Springs of Texas. Fort Worth (TX): Branch-Smith, Inc. 566 p.
1515. BULLARD TF, WELLS SG. 1992. Hydrology of the middle Rio Grande from Velarde to Elephant Butte Reservoir, New Mexico. Washington: U.S. Dept. of the Interior, Fish and Wildlife Service. (Resource publication (U.S. Fish and Wildlife Service): 179) 51 p.
1516. CHESSER KC, ESTEPP JD. 1986. Hot springs of Big Bend National Park and Trans-Pecos Texas. In: Pause PH, Spears RG, editors. *Geology of the Big Bend area and Solitario Dome, Texas: 1986 field trip guidebook*. [Midland (TX)]: West Texas Geological Society. (Publication (West Texas Geological Society): 86-82) p 97-104.
1517. COCKRUM AB, JR. 1940. Some laboratory procedures and a preliminary study of the Rio Grande river sediments [MA thesis]. Austin (TX): University of Texas. 80 p.
1518. DALE OC. 1952. Ground-water resources of Starr County, Texas. Prepared cooperatively by the Geological Survey, United States Department of the Interior. [Austin (TX)]: Texas Board of Water Engineers. (Texas Board of Water Engineers. Bulletin: 5209) 47 p.
1519. DALE OC, GEORGE WO. 1954. Ground-water resources of Cameron County, Texas. Prepared cooperatively by the Geological Survey, United States Department of the Interior. [Austin (TX)]: Texas Board of Water Engineers. (Texas Water Commission. Bulletin: 5403) 63 p.

1520. DAVIS JR. 1983. Intensive survey of the Arroyo Colorado, segment 2201: hydrology, field measurements, and water chemistry. Austin (TX): Texas Dept. of Water Resources. IS-49. 43 p.
1521. DAVIS JR. 1985. Intensive survey of the Arroyo Colorado, segment 2201, August 22-25, 1983: hydrology, field measurements, and water chemistry. Austin (TX): Texas Dept. of Water Resources. IS-69. 66 p.
1522. DEAL D. 1976. The geologic environment of the Rio Grande-Falcon Thorn Woodlands, Starr County, Texas. In: Lyndon B. Johnson School of Public Affairs. Rio Grande-Falcon Woodland. Austin (TX): University of Texas at Austin, Lyndon B. Johnson School of Public Affairs. (A natural area survey: 13) p 13-26.
1523. DEAL D. 1979. Evolution of the Rio Conchos-Rio Grande drainage system. In: Walton AW, Henry CD, editors. Cenozoic geology of the Trans-Pecos volcanic field of Texas: conference proceedings and guidebook; 1978 May 21-25; Alpine, TX. Austin (TX): University of Texas at Austin, Bureau of Economic Geology. (Guidebook (University of Texas at Austin. Bureau of Economic Geology): 19) p 137-46.
1524. DICKERSON PW, MUEHLBERGER WR. 1994. Basins in the Big Bend segment of the Rio Grande rift, Trans-Pecos Texas. In: Keller GR, Cather SM, editors. Basins of the Rio Grande rift: structure, stratigraphy, and tectonic setting. Boulder (CO): Geological Society of America. (Special paper (Geological Society of America): 291) p 283-297.
1525. DOUGHERTY JP. 1980. Streamflow and reservoir-content records in Texas: compilation report, January 1889 through December 1975. Austin (TX): Texas Dept. of Water Resources. (Report (Texas. Dept. of Water Resources): 244) 3 v.
1526. EATON DJ, ANDERSEN JM. 1987. The state of the Rio Grande/Río Bravo: a study of water resource issues along the Texas/Mexico border. Tucson (AZ): University of Arizona Press. 331 p.
1527. EATON DJ, HURLBUT D. 1992. Challenges in the binational management of water resources in the Rio Grande/Río Bravo. Austin (TX): University of Texas at Austin, Lyndon B. Johnson School of Public Affairs. (U.S. Mexican policy report: 2) 138 p.
1528. EIBENSCHUTZ J. 1982. Recursos geotermicos en la Frontera Noroccidental. Nat. Resour. J. 22(4): 991-8.
1529. ELLIS SR, LEVINGS GW, CARTER LF, RICHEY SF, RADELL MJ. 1993. Rio Grande valley, Colorado, New Mexico, and Texas. Water Resour. Bull. 29(4):617-46.
1530. EVERITT B, compiler. 1988. Channel shrinking on the Rio Grande between Fort Quitman and Presidio, Texas, USA. In: Aplin G, compiler. Abstracts: 26th Congress of the International Geographical Union; 1988 Aug 21-26; Sydney (Australia). [Australia]: International Geographical Union. p 177.
1531. EVERITT B. 1993. Channel responses to declining flow on the Rio Grande between Ft. Quitman and Presidio, Texas. Geomorphology 6(3):225-42.
1532. FLITTERS NE. 1970. Hurricane Beulah: a report in retrospect on the hurricane and its effect on biological processes in the Rio Grande valley, Texas. Int. J. Biometeorol. 14(3):219-26.
1533. FOLLETT CR, WHITE WN, IRELAN B. 1949. Occurrence and development of ground water in the Linn-Faysville area, Hidalgo County, Texas. Prepared in cooperation with the U.S. Geological Survey, U.S. Bureau of Reclamation and Texas State Board of Water Engineers. [Austin (TX)]: [Texas Board of Water Engineers]. 43 p.
1534. FOLLETT CR, WHITE WN, IRELAN B. 1955. Occurrence and development of ground water in the Linn-Faysville area, Hidalgo County, Texas. [Austin (TX)]: Texas Board of Water Engineers. 50 p.
1535. GROZIER RU, HAHN DC, HULME AE (Geological Survey, Water Resources Div., Austin, TX). 1968. Floods from Hurricane Beulah in South Texas and northeastern Mexico, September-October 1967. Austin (TX): Texas Water Development Board. (Texas Water Development Board. Report: 83) 195 p.
1536. HENDERSON TE. [1968]. Major United States water problems along the international boundary reach of the Rio Grande (Bravo). In: Knowlton CS, arr. International water law along the Mexican-American border. A symposium held during the 44th annual meeting of the Southwestern and Rocky Mountain Division of the American Association for the Advancement of Science; 1968

- Apr 29-30; El Paso, TX. [El Paso]: University of Texas. (Contribution of the Committee on Desert and Arid Zones Research: 11) p 26-36.
1537. HENRY CD. 1977. Geologic setting of hot springs, Trans-Pecos Texas and adjacent Mexico. In: Abstracts with programs: South-central section 1977 annual meeting; 1977 Mar 17-18; El Paso, TX. Boulder (CO): Geological Society of America, Inc. p 25.
 1538. HENRY CD. 1979. 1979 geologic setting and geochemistry of thermal water and geothermal assessment, Trans-Pecos Texas: with tectonic map of the Rio Grande area, Trans-Pecos Texas, and adjacent Mexico. Austin (TX): University of Texas. (Report of investigations (University of Texas at Austin. Bureau of Economic Geology): 96) 48 p.
 1539. HENRY CD, MORTON RA. 1982. Transboundary geothermal resources of Texas and Mexico. *Nat. Resour. J.* 22(4):973-89.
 1540. HOWARD EB. 1932. Caves along the slopes of the Guadalupe Mountains. *Tex. Arch. Paleontol. Soc. Bull.* 4:7-19.
 1541. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1950-. Flow of the Rio Grande and related data from Elephant Butte Dam, New Mexico to the Gulf of Mexico. Annual report. Washington: The Commission. (Water bulletin) 1 v.
 1542. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1956. Flow of the Rio Grande and related data from San Marcial, New Mexico to the Gulf of Mexico, 1889-1955. [Washington]: International Boundary and Water Commission. (Water bulletin (Washington, D. C.): 1932) 89 p.
 1543. KELLEY N. 1991. Wetland enhancement, restoration, and creation under the North American Waterfowl Management Plan: mid to lower Texas Gulf Coast 1991 status report. Prepared for the U.S. Fish and Wildlife Service. Corpus Christi (TX): Corpus Christi State University, Center for Coastal Studies. Biological report nr CCSU-9101-CCS. 40 p.
 1544. KING PB. 1948. Geology of the southern Guadalupe Mountains, Texas. Washington: U.S. Government Printing Office. (Geological Survey (U.S.) Professional paper: 215) 183 p.
 1545. KOTTELOWSKI FE. 1958. Geologic history of the Rio Grande near El Paso. Socorro (NM): New Mexico Bureau of Mines & Mineral Resources. 10 p.
 1546. LOGAN LE, BLACK CC. 1979. The Quaternary vertebrate fauna of Upper Sloth Cave, Guadalupe Mountains National Park, Texas. In: Genoways HH, Baker RJ, editors. Biological investigations in the Guadalupe Mountains National Park, Texas; 1975 Apr 4-5; Texas Tech University, Lubbock (TX). Washington: National Park Service. (Transactions and proceedings series (United States. National Park Service): 4) p 141-58.
 1547. LYNDON B. JOHNSON SCHOOL OF PUBLIC AFFAIRS. 1983. A sourcebook for Rio Grande/Rio Bravo water management. Austin (TX): University of Texas. (Lyndon B. Johnson School of Public Affairs policy research project report: 57) 66 p.
 1548. MAXWELL RA. 1979. The Big Bend of the Rio Grande: a guide to the rocks, landscape, geologic history, and settlers of the area of Big Bend National Park. 4th ed. Austin (TX): University of Texas. (University of Texas. Bureau of Economic Geology. Guidebook: 7) 138 p.
 1549. MULLER DA, PRICE RD. 1979. Groundwater availability in Texas: estimates and projections through 2030. Austin (TX): Texas Department of Water Resources. (Report (Texas. Dept. of Water Resources): 238) 77 p.
 1550. MUMME SP. 1988. Apportioning groundwater beneath the U.S.-Mexico border: obstacles and alternatives. San Diego (CA): University of California, Center for U.S.-Mexican Studies. (Research report series (University of California, San Diego. Center for U.S.-Mexican Studies): 45) 54 p.
 1551. NEW MEXICO STATE UNIVERSITY, WATER RESOURCES RESEARCH INSTITUTE. 1971. Proceedings: 16th annual Water Conference; 1971 Mar 25-26; Las Cruces, NM. Las Cruces: New Mexico State University, Water Resources Research Institute. 197 p. Available from: National Technical Information Service (NTIS); PB-223 379.
 1552. PARRY CC. 1857. Geological features of the Rio Grande valley from El Paso to the mouth of the Pecos River. In: Emory WH, editor. Report on the United States and Mexican boundary survey. U.S.

- 34th Congress, 1st session, Sen. Exec. Doc. 108 and House Exec. Doc. 135, vol. 1, part 2. p 49-61.
1553. SAUNDERS GP. 1987. Analysis of streamflow of the Rio Grande, Big Bend National Park, Brewster County, Texas. 2 v. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 64.
 1554. STEARMAN J, compiler. 1960. Water levels in observation wells in Cameron, Hidalgo, and Starr counties, Texas 1950-1959. Prepared in cooperation with the Geological Survey, United States Department of the Interior. [Austin (TX)]: Texas Board of Water Engineers. (Texas Water Commission. Bulletin: 6008) 7 p.
 1555. SULLIVAN SA, CRITENDON BR. 1986. Drainage areas of Texas streams: Rio Grande basin. Prepared under cooperative agreement with the U.S. Geological Survey. Austin (TX): Texas Water Development Board. 39 p.
 1556. TAYLOR WP, MCDUGALL WG, PRESNALL CC, SCHMIDT. K. P. 1946. The Sierra del Carmen in northern Coahuila. *Tex. Geogr. Mag.* 1946:11-22.
 1557. TEXAS DEPARTMENT OF WATER RESOURCES. 1981-. Water use, projected water requirements, and related data and information for the metropolitan statistical areas in Texas. Austin (TX): Texas Department of Water Resources. 1 v.
 1558. THAYER WN. 1916. The physiography of Mexico. *J. Geol.* 24:61-94.
 1559. THOMAS HE and others. 1963. Effects of drought in the Rio Grande basin. Washington: U.S. Government Printing Office. (Geological Survey professional paper: 372-D) 59 p.
 1560. TRAVA MANZANILLA JL, RAMON CALLEROS J, BERNAL R. FA, compilers. 1991. Manejo ambientalmente adecuado del agua en la frontera México-Estados Unidos: situación actual y perspectivas. Tijuana, Baja California (México): El Colegio de la Frontera Norte. 265 p.
 1561. TURNER, COLLIE & BRADEN, INC., LOWER RIO GRANDE VALLEY DEVELOPMENT COUNCIL, L.L. RODRIGUEZ & ASSOCIATES. [198-]. Reconnaissance level study of water supply and wastewater disposal needs of the colonias of the Lower Rio Grande Valley. Prepared for the Texas Water Development Board. [Houston (TX)]: Turner, Collie & Braden. 1 v.
 1562. TYSSSELING JC, BOLDT D, McDONALD B. 1986. Projections of water availability in the lower Rio Grande, Gila-San Francisco and Mimbres drainage basins to 2005. Las Cruces (NM): University of New Mexico, New Mexico Water Resources Research Institute. Technical completion report, project nr 1345629. (WRRI report: 212) 149 p.
 1563. UNITED STATES. DEPT. OF THE INTERIOR. WATER AND POWER RESOURCES SERVICE. SOUTHWEST REGION. 1980. Elephant Butte Reservoir-Fort Quitman Project, New Mexico-Texas (Rio Grande regional environmental project): special report. Amarillo (TX): Southwest Regional Office. 1 v.
 1564. UNITED STATES. NATIONAL PARK SERVICE. 1992. Big Bend National Park: water resources scoping report. Fort Collins (CO): National Park Service, Water Resources Division. Technical report NPS/NRWRD/NRTR-92/08. 36 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 126.
 1565. WATER RESOURCES COUNCIL (U.S.). 1978. The nation's water resources, 1975-2000: second national water assessment. Washington: U.S. Water Resources Council. 3 v. Available from: U.S. Government Printing Office.
 1566. WHITE WA, CALNAN TR, MORTON RA, KIMBLE RS, LITTLETON TG, MCGOWEN JH, NANCE HS, SCHMEDES KE. 1986. Submerged lands of Texas, Brownsville-Harlingen area: sediments, geochemistry, benthic macroinvertebrates, and associated wetlands. Austin (TX): University of Texas at Austin, Bureau of Economic Geology. 138 p.
 1567. WOODWARD D, DURALL R (U.S. Geological Survey, Albuquerque, NM). 1996. United States-Mexico border area, as delineated by a shared-water resources perspective. [Washington]: U.S. Department of the Interior, U.S.-Mexico Border Field Coordinating Committee. (Fact sheet (U.S.-Mexico Border Field Coordinating Committee): 1) [4] p.

I. Protected Areas

1568. [ANONYMOUS]. 1993. Banco de datos ambientales del corredor refugio ecológico del Río Bravo del estado de Tamaulipas, México [Environmental data base of the Rio Grande valley ecological refuge-corridor in the state of Tamaulipas, Mexico]. [Tamaulipas, México]: Secretaria de Desarrollo Social. 1 v.
1569. [ANONYMOUS]. 1995. Mexico preserves foster border cooperation. *Nat. Parks Mag.* 69:12.
1570. CHANEY AH, PONS M, JR. [1987]. Faunal and floral characteristics of the area to be affected by the Playa del Rio project site, Cameron County, Texas. Corpus Christi (TX): U.S. Fish and Wildlife Service, Ecological Branch. Contract nr 14-16-0002-86-926. 121 p.
1571. FISHER RD. 1994. National parks of northern Mexico. Tucson (AZ): Sunracer Publications. [151] p.
1572. GEHLBACH FR. [1973]. Wildlands recreation: a theme for the future of the U.S.-Mexico borderlands. In: Consejo Nacional de Ciencia y Tecnología (México), American Association for the Advancement of Science, organizers. Science and man in the Americas: abstracts for the desert and arid lands central theme; 1973 Jun 25-27; Mexico, D. F. [Mexico]: [publisher unknown]. p 34-5.
1573. GRAHAM F, JR. 1990. Audubon on the Rio Grande: a wildlife corridor takes shape. *Audubon* 92:76.
1574. JAMESON JR. 1987. Big Bend on the Rio Grande: biography of a national park. New York: P. Lang. 171 p.
1575. LOWER RIO GRANDE VALLEY DEVELOPMENT COUNCIL. [1983]. Environmentally sensitive areas in the Lower Rio Grande Valley. [McAllen (TX)]: Lower Rio Grande Valley Development Council. 44 p.
1576. LOWER RIO GRANDE VALLEY NATIONAL WILDLIFE REFUGE. 1987. Annual narrative. Alamo (TX): Lower Rio Grande Valley National Wildlife Refuge. 113 p.
1577. RAMIREZ PULIDO J. 1986. Water development projects in the Rio Grande and their relationships to the Santa Ana and Rio Grande Valley national wildlife refuges. Corpus Christi (TX): U.S. Fish and Wildlife Service, Ecological Services. 47 p.
1578. SISBARRO DJ. 1994. Toward a binational bioserve in the Tamaulipan-lower Rio Grande/Río Bravo region. [Austin (TX)]: [University of Texas]. Report (M. Public Affairs)--University of Texas at Austin, 1994. 83 p.
1579. TEXAS CENTER FOR POLICY STUDIES. [1993 Sep]. Biodiversity protection in the Texas-Mexico border region. Austin (TX): Texas Center for Policy Studies. 42 p.
1580. U.S. FISH AND WILDLIFE SERVICE. 1978. Proposed acquisition of white-winged dove habitat, Cameron, Hidalgo, and Starr counties, Texas: Department of the Interior environmental assessment. [Albuquerque (NM)]: U.S. Fish and Wildlife Service, Region 2. 116 p.
1581. U.S. FISH AND WILDLIFE SERVICE. 1985. Land protection plan for Lower Rio Grande Valley National Wildlife Refuge in Cameron, Hidalgo, Starr and Willacy counties, Texas. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 12 p.
1582. U.S. FISH AND WILDLIFE SERVICE. 1993. Lower Rio Grande Valley National Wildlife Refuge final environmental assessment: proposed Playa del Rio and coastal corridor additions. Albuquerque (NM): U.S. Fish and Wildlife Service. 71 p.
1583. U.S. FISH AND WILDLIFE SERVICE. REGION 2. 1983. Department of the Interior land protection plan: Lower Rio Grande Valley National Wildlife Refuge in Cameron, Hidalgo, Starr, and Willacy counties, Texas. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 57 p.
1584. U.S. FISH AND WILDLIFE SERVICE. SOUTHWEST REGION. 1984. Land protection plan for Lower Rio Grande Valley National Wildlife Refuge in Cameron, Hidalgo, Starr, and Willacy counties Texas. Albuquerque (NM): U.S. Fish and Wildlife Service, Southwest Region. 19 p.
1585. UNITED STATES. BUREAU OF LAND MANAGEMENT. [1990]. Rio Grande wild and scenic river. [Farmington (NM)]: U.S. Dept. of the Interior, Bureau of Land Management. 1 sheet.
1586. UNITED STATES. CONGRESS. SENATE. COMMITTEE ON ENERGY AND NATURAL RESOURCES. 1993. Rio Grande Designation Act of 1993: report (to accompany S. 375). [Washington]: [U.S. Government Printing Office]. (Report to 103rd Congress, 1st Session, Senate: 103-17) 5 p.
1587. UNITED STATES. DEPT. OF THE INTERIOR. 1980. Department of the Interior habitat preservation

- plan--preservation of areas of important fish and wildlife habitat: Cameron, Hidalgo, Starr, and Willacy counties, Texas. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 92 p.
1588. UNITED STATES. FEDERAL COMMITTEE ON ECOLOGICAL RESERVES. 1977-. A directory of research natural areas on federal lands of the United States of America. Washington: U.S. Dept. of Agriculture, Forest Service. 1 v.
 1589. UNITED STATES. NATIONAL PARK SERVICE. 1971. Wilderness study: Big Bend National Park (preliminary). Washington: U.S. Government Printing Office. Located at: National Park Service, Southwest Support Office.
 1590. UNITED STATES. NATIONAL PARK SERVICE. 1973. Environmental statement - wilderness proposal. 156 p. Big Bend National Park. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/73-72.
 1591. UNITED STATES. NATIONAL PARK SERVICE. 1973. Wilderness recommendation: Big Bend National Park, Texas. Washington: United States National Park Service. [62] p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155 /D 796A.
 1592. UNITED STATES. NATIONAL PARK SERVICE. [1974]. Wilderness recommendation: Big Bend National Park, Texas. [Denver (CO)]: National Park Service, Denver Service Center. 63 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155 /D 796B.
 1593. UNITED STATES. NATIONAL PARK SERVICE. 1975. Proposed wilderness classification, Big Bend National Park, Texas: final environmental statement. [Washington]: National Park Service. FES 75-1, NPS 859. 177 p.
 1594. UNITED STATES. NATIONAL PARK SERVICE. 1978. Proposed wilderness classification, Big Bend National Park, Texas (draft environmental impact statement). [Santa Fe (NM)]: National Park Service, Southwest Region. Report nr ELR-73-1839; DES-73-72. 120 p. Available from: National Technical Information Service (NTIS); EIS-TX-73-1839-D.
 1595. UNITED STATES. NATIONAL PARK SERVICE. 1979. Big Bend National Park, Texas: final environmental statement for master plan. [Denver (CO)]: Denver Service Center. FES 79-32. (NPS: 1260-A) 231 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/79-32.
 1596. UNITED STATES. NATIONAL PARK SERVICE. 1980. Rio Grande Wild and Scenic River, Texas: environmental assessment for the general management plan. [Washington]: [Denver Service Center]. 92 p.
 1597. UNITED STATES. NATIONAL PARK SERVICE. 1980. Rio Grande Wild and Scenic River, Texas: environmental assessment for the general development plan. [Denver (CO)]: National Park Service, Denver Service Center. NPS 1662. 75 p. Available from: U.S. Government Printing Office.
 1598. UNITED STATES. NATIONAL PARK SERVICE. 1981. Rio Grande Wild and Scenic River, Texas: final general management plan, development concept plan. [Denver (CO)]: National Park Service, Denver Service Center. NPS 1843. 49 p.
 1599. UNITED STATES. NATIONAL PARK SERVICE. [date unknown]. Adjacent land uses. 1 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155E/80036.
 1600. VARGAS MARQUEZ F. 1984. Parques nacionales de México y reservas equivalentes: pasado, presente y futuro. [Mexico City]: Instituto de Investigaciones Económicas, UNAM. 266 p.
 1601. VI RISSER M. 1995. The Rio Grande: the desert's lifeblood. *The Big Bend Paisano* 17(Aug):1,8-9.
 1602. WAUER RH. 1975. A case history of land use and some ecological implications: the Chisos Mountains, Big Bend National Park, Texas. In: Cone WB, coordinator. Proceedings of the Resources Management Seminar: Southwest Region Superintendent's Conference; 1975 Aug 26-28; Santa Fe (NM). [Santa Fe]: National Park Service, Southwest Region. p 70-83.
 1603. WAUER RH. 1986. Parks and other reserves as islands of protection with special reference to the Chihuahuan Desert. In: Barlow JC, Powell AM, Timmermann BN, editors. Invited papers from the 2nd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico; 1983 Oct 20-21; Sul Ross State University. Alpine (TX): Chihuahuan Desert Research Institute. p 150-72.
 1604. WHITSON PD. 1974. The impact of human use upon the Chisos Basin and adjacent lands. [Washington]: National Park Service. (Scientific monograph series: 4) 92 p. Available from: U.S. Government Printing Office.

I. PROTECTED AREAS

J. Endangered and Threatened Species

1605. [ANONYMOUS]. 1986. Endangered and threatened species in the Lower Rio Grande Valley. *Sabal* 3(4):12.
1606. DIAMOND DD, LINAM LA, POOLE JM, MELHOP P, TREVINO M. [1992]. Rare species and communities in the Texas-Mexico borderlands. In: *Proceedings: 5th U.S./Mexico Border States Conference on Recreation, Parks, and Wildlife*; 1992 Sep 17-19; Las Cruces, NM. [Las Cruces]: [New Mexico State University]. p 35-41.
1607. NEW MEXICO. DEPT. OF GAME AND FISH. 198-. *Handbook of species endangered in New Mexico*. [Santa Fe (NM)]: The Department. 1 v.
1608. TEXAS ORGANIZATION FOR ENDANGERED SPECIES. 1972-. *Endangered, threatened, and watch lists of vertebrates of Texas*. Austin (TX): Texas Organization for Endangered Species. 1 v. Available from: Texas Organization for Endangered Species.
1609. TEXAS ORGANIZATION FOR ENDANGERED SPECIES. 1992-. *Endangered, threatened, and watch list of natural communities of Texas*. Austin (TX): Texas Organization for Endangered Species. 1 v. Available from: Texas Organization for Endangered Species.
1610. U.S. FISH AND WILDLIFE SERVICE. 1981. *Final report: endangered species assessments and surveys in Hidalgo and Willacy counties, Texas*. Albuquerque (NM): U.S. Fish and Wildlife Service. 84 p.
1611. U.S. FISH AND WILDLIFE SERVICE. 1981. *Final report: endangered species assessments and surveys in Hidalgo and Willacy counties, Texas (supplement)*. Albuquerque (NM): U.S. Fish and Wildlife Service. 29 p.
1612. U.S. FISH AND WILDLIFE SERVICE. 1984. *Endangered species of Texas and Oklahoma*. Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2. 107 p.

K. General Environmental Quality

1613. [ANONYMOUS]. [1982]. Ecology and development of the border region. 2nd Binational University Symposium on Border Studies; 1982 Feb 16-18; University of Texas. [Austin (TX)]: [University of Texas]. 1 v.
1614. [ANONYMOUS]. [1994]. 6th U.S./Mexico Border States Conference on Recreation, Parks, and Wildlife; 1994 Apr 27-29; Cd. Victoria, Tamaulipas (México). [Ciudad Victoria]: Universidad Autonoma de Tamaulipas, Gobierno del Estado de Tamaulipas. 91 p.
1615. ALBRECHT LJ. 1994. Mystery in Cameron County: physicians and health officials search for cause of high rate of anencephaly in the Rio Grande valley. *Tex. Med.* 90(4):16-8.
1616. ALEXANDER R, GONZALEZ D, CAMPBELL ML, ROCCO C. 1993. Economic and environmental conditions in the Lower Rio Grande Valley along the Texas-Mexico border. [Weslaco (TX)]: [Texas Rural Legal Aid, Inc.]. 19 p.
1617. AMERICAN RIVERS. 1993. Endangered rivers of America: a report on the nation's ten most endangered rivers and fifteen most threatened rivers of 1993. Washington: American Rivers. 52 p.
1618. APPLGATE HG. 1979. Environmental problems of the borderlands. [El Paso (TX)]: Texas Western Press, University of Texas at El Paso. 124 p.
1619. APPLGATE HG, NALVEN J, editors. 1982. United States-Mexico borderlands atlas, environmental hazards. Volume 10: a prospectus. Los Angeles: University of California, Latin American Center. 3 p.
1620. BLAYLOCK JE, JONES LL. 1973. An analysis of economic-environmental interrelations in the lower Rio Grande region of Texas: final report. Austin (TX): Office of the Governor, Office of Information Services. Report nr 5201-R01-0773-20. 126 p.
1621. BORDER WORKING GROUP. 1992. Coastal resources, wildlife resources, recreational resources: issues, status, recommendations. [Austin (TX)]: Texas Parks and Wildlife Dept. 36 p.
1622. BOWMAN JA. 1993. The Rio Grande: a confluence of waters, nations & cultures. College Station (TX): Texas Water Resources Institute. (Texas water resources newsletter: 19 (2)) 6 p.
1623. CLIFFORD RA. 1956. The Rio Grande flood: a comparative study of border communities in disaster. Washington: National Academy of Sciences, National Research Council. (Publication (National Research Council (U.S.)): 458) 145 p.
1624. DOUGLIS C. 1989. A corridor in peril: in the Lower Rio Grande Valley of Texas, both wildlife and habitat are under assault. *Wilderness* 53:32-7.
1625. FRYE RG, CURTIS DA. 1990. Texas water and wildlife: an assessment of direct impacts to wildlife habitat from future water development projects. [Austin (TX)]: Texas Parks and Wildlife Department. 59 p.
1626. GARRETT GP. 1995. Water quantity and quality: West Texas as an indicator of the state's future. *Annu. Proc. Tex. Chapter Am. Fish. Soc.* 17:18-9.
1627. GROOHOUSEN RM. 1996. Land cover change in the Rio Grande river valley of Doña Ana County, New Mexico [MA thesis]. Las Cruces: New Mexico State University. 110 p.
1628. HOLZ RK, DAVIES CS. 1993. Third world colonias: Lower Rio Grande Valley, Texas. [Austin (TX)]: Lyndon B. Johnson School of Public Affairs. (Working paper series (Lyndon B. Johnson School of Public Affairs): 72) 71 p.
1629. HORIZON ENVIRONMENTAL SERVICES, R.J. BRANDES CO., MICHAEL SULLIVAN & ASSOC., DONALD G. RAUSCHUBER & ASSOC. 1991. Environmental assessment: Rio Grande valley water conservation project. [place unknown]: Horizon Environmental Services. 2 v. Available from: Texas Natural Resource Conservation Commission.
1630. HOWELLS RG, editor. 1992. Annotated list of introduced non-native fishes, mollusks, crustaceans and aquatic plants in Texas waters. Austin (TX): Texas Parks and Wildlife Dept. (PWD report: 3200-381) 19 p.
1631. HOWELLS RG. 1992. Guide to identification of harmful and potentially harmful fishes, shellfishes, and aquatic plants prohibited in Texas. Austin

K. GENERAL ENVIRONMENTAL QUALITY

- (TX): Texas Parks & Wildlife Dept. (Special publication (Texas Parks and Wildlife Dept. Inland Fisheries Branch)) 270 p.
1632. INGRAM HM, LANEY NK, GILLILAN DM. 1995. Divided waters: bridging the U.S.-Mexico border. Tucson (AZ): University of Arizona Press. 262 p.
 1633. JOHNSTON CR. 1972. Effluent neighbors: the Mexico-United States water quality dilemma. Calif. West. Int. Law J. 3(1):152-73.
 1634. LEWIS SJ, KALTOFEN M, ORMSBY G. 1991. Border trouble, rivers in peril: a report on water pollution due to industrial development in northern Mexico. Boston (MA): National Toxic Campaign Fund and National Toxics Campaign. 35 p.
 1635. NATIONAL AUDUBON SOCIETY, SABAL PALM GROVE SANCTUARY. 1995. The population-environment report. [Brownsville (TX)]: National Audubon Society, Sabal Palm Grove Sanctuary. 20 p.
 1636. OZUNA T, JR., GUAJARDO QUIROGA R. 1991. The U.S.-Mexico Free Trade Agreement: natural resource and environmental issues. College Station (TX): Texas A&M University, Texas Agricultural Market Research Center. (TAMRC international market research report: IM-8-91) 9 p.
 1637. PARVIN B. 1988. The disappearing wild lands of the Rio Grande valley. Tex. Parks Wildl. 46:2-15.
 1638. SELCRAIG B. 1992. Up against the wall in Mexico. Int. Wildl. 22(2):12-6.
 1639. TEXAS LEGISLATURE. JOINT INTERIM COMMITTEE ON THE ENVIRONMENT. 1993. Interim report to the 73rd Legislature. [Austin (TX)]: Joint Interim Committee on the Environment. 84 p.
 1640. UNITED STATES. BUREAU OF RECLAMATION. 1995. Lower Rio Grande basin study, Texas: summary of water resources, ecological resources, and socioeconomic conditions. Austin (TX): The Bureau. 1 v.
 1641. UNITED STATES. ENVIRONMENTAL PROTECTION AGENCY. [1992]. Integrated environmental plan for the Mexican-U.S. border area (first stage, 1992-94). Washington: U.S. Environmental Protection Agency. 183 p.
 1642. UNITED STATES. ENVIRONMENTAL PROTECTION AGENCY. 1992. EPA summary: environmental plan for the Mexican-U.S. border area, first stage (1992-94). [Washington]: U.S. Environmental Protection Agency. 34 p.
 1643. UNITED STATES. ENVIRONMENTAL PROTECTION AGENCY. OFFICE OF INTERNATIONAL ACTIVITIES. 1996. U.S.-Mexico Border XXI Program: framework document. Washington: U.S. Environmental Protection Agency, Office of International Activities. 1 v.
 1644. UNITED STATES. ENVIRONMENTAL PROTECTION AGENCY. OFFICE OF INTERNATIONAL ACTIVITIES. 1996. U.S./Mexico Border XXI Program: summary of domestic meetings. Washington: U.S. Environmental Protection Agency, Office of International Activities. EPA 160-R-96-001. 1 v.
 1645. UNITED STATES. ENVIRONMENTAL PROTECTION AGENCY. OFFICE OF INTERNATIONAL ACTIVITIES. 1996. U.S.-Mexico Border XXI Program: 1996 implementation plans. Washington: U.S. Environmental Protection Agency, Office of International Activities. 108 p.
 1646. WHITFORD WG, RAPPORT DJ, GROOTHOUSEN RM. 1996. The central Rio Grande valley: organizing and interpreting ecosystem health assessment data. GIS World 9(12):60-2.

L. Hydraulic Engineering

1647. B.L. NELSON AND ASSOCIATES. 1971. Comprehensive plan for water, sewer and storm drainage in the Lower Rio Grande Valley. [McAllen (TX)]: [Lower Rio Grande Valley Development Council]. 2 v.
1648. BREUER JP. 1971. A survey of the north floodway system of the lower Laguna Madre. [Austin (TX)]: Texas Parks and Wildlife Department. (Coastal fisheries project report: CF-2-2, job 2).
1649. CHANEY AH. 1989. A preliminary analysis of the Hidalgo-Willacy counties drainage canal. Corpus Christi (TX): U.S. Fish and Wildlife Service. 93 p.
1650. COOKE CR, JR. 1970. Fisheries investigations, region 5-C: stabilization study of Falcon Reservoir. Texas Parks and Wildlife Department. Project nr Texas F-020-R-03/ Job 02. 20 p. Available from: Fish and Wildlife Reference Service; MIN nr 427240538.
1651. DALRYMPLE T. 1970. Effect of Amistad Dam on water supply to the Lower Rio Grande Valley. J. Rio Grande Val. Hortic. Soc. 24:171-5.
1652. DIAZ A, KELLY M. 1994. Subsidized destruction: the Gulf Intracoastal Waterway and the Laguna Madre. Austin (TX): Texas Center for Policy Studies. 57 p.
1653. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1971. Rio Grande above Hidalgo-Reynosa International Channel relocation project, Texas (final environmental impact statement). [El Paso (TX)]: International Boundary and Water Commission. 27 p. Available from: National Technical Information Service (NTIS); PB201 087-F.
1654. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1972. Restoration of historic low flow diversion to Arroyo Colorado: Lower Rio Grande Flood Control Project, Texas. [Dallas (TX)]: [U.S. Army Corps of Engineers, Southwestern Division]. 2 v. Available from: National Technical Information Service (NTIS); EIS-TX-72-5578-F.
1655. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1973. Increasing height of levees along Rio Grande upstream from Retamal Dam and along Main and North floodways: Lower Rio Grande Flood Control Project, Texas final environmental statement. El Paso (TX): International Boundary and Water Commission. 74 p. Available from: National Technical Information Service (NTIS); EIS-TX-73-1730-F.
1656. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1978. Rio Grande boundary preservation between Fort Quitman and Haciendita (U.S. side, in Hudspeth and Presidio counties, Texas): final environmental statement. [Washington]: The Section. 1 v.
1657. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1982. Environmental assessment of the proposed increased diversion of 500 cfs from Main Floodway to Arroyo Colorado Floodway. Lower Rio Grande Flood Control Project, Texas. El Paso (TX): International Boundary and Water Commission. 88 p.
1658. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1982. Finding of no significant impact: increased diversion of 500 cfs from Main Floodway to Arroyo Colorado Floodway. Lower Rio Grande Flood Control Project, Texas. El Paso (TX): International Boundary and Water Commission. 4 p.
1659. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1983. An appraisal of potential Rio Grande channel storage dams in Hidalgo and Cameron counties, Texas for water conservation. El Paso (TX): International Boundary and Water Commission. 31 p.
1660. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. 1991. Recommendations for establishing a restricted use zone on lands adjacent to the main channel of the Rio Grande in the vicinity of Brownsville, Texas/Matamoros, Tamaulipas. El Paso (TX): International Boundary and Water Commission. 1 v.
1661. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. UNITED STATES SECTION. [1991]. Operation of Rio Grande international dams and reservoirs. [El Paso (TX)]:

- International Boundary & Water Commission. (Annual report (International Boundary & Water Commission, United States & Mexico. United States Section): 1991) 15 p.
1662. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. UNITED STATES SECTION. 1992. Status of conveying capacity of the Lower Rio Grande Flood Control Project. El Paso (TX): The Commission. 27 p.
 1663. INTERNATIONAL BOUNDARY AND WATER COMMISSION, UNITED STATES & MEXICO. UNITED STATES SECTION. 1993. Final environmental assessment: Rio Grande American Canal extension, El Paso, Texas. El Paso: The Section. 1 v.
 1664. JAMES WP, GIESLER S and others. 1977. Environmental considerations relating to operation and maintenance of the Texas Gulf Intracoastal Waterway. College Station (TX): Texas A&M University, Sea Grant College. TAMU-SG 78-204, Grant 04-6-158-44012. 227 p.
 1665. KELLY ME. 1995. The bridges of Cameron and Hidalgo counties. Austin (TX): Texas Center for Policy Studies. 77 p.
 1666. MILHOUS RT. 1992. Water and sediment in the middle Rio Grande valley, New Mexico: use of sediment transport capacity index. In: Morel-Seytoux HJ, editor. Proceedings of American Geophysical Union 12th annual Hydrology Days; 1992 Mar 31-Apr 3; Colorado State University. Fort Collins (CO): Hydrology Days Publications. p 67-80.
 1667. ROTH D, KELLY M. 1994. Preliminary report on the proposed Mexican intracoastal canal. Prepared for the Binational Network on the Environment. Austin (TX): Texas Center for Policy Studies. 1 v.
 1668. UNITED STATES. ARMY. CORPS OF ENGINEERS. 1941. Louisiana and Texas intracoastal waterway, Corpus Christi, Texas, to the Rio Grande. In: House Doc. No. 402, 77th Cong., 1st Sess. p 6-47.
 1669. UNITED STATES. ARMY. CORPS OF ENGINEERS. GALVESTON DISTRICT. 1982. Final environmental impact statement: to construct a deepwater channel and multipurpose terminal near Brownsville in Cameron County, Texas. Prepared for the Board of Commissioners, Brownsville Navigation District. Galveston (TX): Corps of Engineers. Dept. of Army permit application nr 13942. 579 p.
 1670. UNITED STATES. ARMY. CORPS OF ENGINEERS. GALVESTON DISTRICT. 1982. Lower Rio Grande basin, Texas flood control and major drainage project, phase 1: general design memorandum. Galveston (TX): Corps of Engineers. 3 v.
 1671. UNITED STATES. BUREAU OF RECLAMATION. REGION 5. 1971. Rio Grande regional environmental project, New Mexico-Texas: information report. [place unknown]: Bureau of Reclamation, Region 5. 50 p.

M. Water Quality

1672. [ANONYMOUS]. 1970. Farm nitrates: no menace to the Rio Grande. *Agric. Res.* (Washington, D.C.) 18(10):3-4.
1673. ANDERHOLM SK, RADELL MJ, RICHEY SF. 1995. Water-quality assessment of the Rio Grande valley study unit, Colorado, New Mexico, and Texas: analysis of selected nutrient, suspended sediment, and pesticide data. Albuquerque (NM): U.S. Geological Survey. (Water-resources investigations report: 94-4061) 203 p. Available from: U.S. Geological Survey, Information Services, Open File Reports.
1674. ANDERSON AW. 1950. Cause and effect of an abnormal fish kill in the Arroyo Colorado, Harlingen Texas. [Austin (TX)]: Texas Parks and Wildlife Department, Texas Game, Fish and Oyster Commission. (Quarterly report).
1675. ARRIAGA LJ. 1992. Sedimentation effects on water quality at Elephant Butte Reservoir. In: Ortega CT, editor. *Agencies and science working for the future. Proceedings of the 36th annual New Mexico Water Conference*; 1991 Nov 7-8; New Mexico State University. [Las Cruces (NM)]: New Mexico State University, Water Resources Research Institute. (WRRI report: 265) p 113-5.
1676. BALL J, LEHMBERG V, REYNOLDS TD. 1973. Nutrient limitations in Texas watersheds: final report for the Texas Water Quality Board. [College Station (TX)]: Texas A&M University, Civil Engineering Department, Environmental Engineering Division. Report nr 1916. Contract nr IAC(72-73)-910. 133 p.
1677. BARR DE, NEWLAND LW. 1978. Quality of water in selected wells of the Linn-Faysville groundwater reservoir, South Texas. *Tex. J. Sci.* 30(4):351-6.
1678. BOWLES WF, JR. 1986. Bacteriological water quality of the Arroyo Colorado (segment 2201). Austin (TX): Texas Water Commission. LP 86-05. 15 p.
1679. BROWN JF. 1974. Water quality considerations in the Coastal Canal-Palmetto Bend Reservoir to the Lower Rio Grande Valley [MSc thesis]. [Austin (TX)]: University of Texas. 121 p.
1680. BUZAN DL. 1990. Intensive survey of the Rio Grande, segment 2304 March 14-17, 1988 and June 17-21, 1988, water quality assessment report: hydrology, field measurements, water quality chemistry, fecal coliforms. Austin (TX): Texas Water Commission. IS 90-03. 89 p.
1681. CARRANZA C, CARIAS M, MONARREZ MDC, TARANGO M, MACKAY WP, MENA R, HALLERUD N, RUILOBA E. [forthcoming]. Evaluation of water quality of the Rio Grande in Big Bend National Park, Texas. In: Barlow JC, editor. *Proceedings of the 4th Symposium on Resources of the Chihuahuan Desert Region*; 1993 Oct; University of Texas. Alpine (TX): Chihuahuan Desert Research Institute.
1682. CECH I, ESSMAN A. 1992. Water sanitation practices on the Texas-Mexico border: implications for physicians on both sides. *South. Med. J.* 85(11):1053-64.
1683. CECH I, ESSMAN A. 1993. Impact of water quality in Juarez, Mexico on water supplies and public health in the El Paso area. *New Waves* 6(2):2.
1684. COASTAL BEND REGIONAL PLANNING COMMISSION. 1971. Water quality study report 1-A: municipal wastewater survey and analysis. [place unknown]: Coastal Bend Regional Planning Commission. 97 p. Available from: National Technical Information Service (NTIS); PB-201 198 .
1685. DAVIS JR. 1984. Intensive survey of the Arroyo Colorado, segment 2201: priority pollutants. Austin (TX): Texas Department of Water Resources. IS-61. 46 p.
1686. DAVIS JR. [1989]. Results of intensive priority pollutant monitoring in Texas, phase II: Sabine River near Longview, upper San Antonio River, Corpus Christi Bay/Inner harbor, Arroyo Colorado, Sabine/Neches River tidal. Austin (TX): Texas Water Commission. LP 89-07. 333 p.
1687. DEL RAZO LM, CORONA JC, GARCIA-VARGAS G, ALBORES A, CEBRIAN ME. 1993. Fluoride levels in well-water from a chronic arsenicism area of northern Mexico. *Environ. Pollut.* 80(1):91-4.
1688. DEVRIES RN. 1974. Pollution, environment of the Arkansas, White, Red and Rio Grande rivers and the Texas gulf coast area. In: *Energy, environment and water resources. Proceedings Universities Council on Water Resources annual meeting*; 1974 Jul 28- 31; Utah State University, Logan (UT). [Lincoln (NE)]: Universities Council on Water Resources. p 277-83.

1689. DUPUY AJ, MANIGOLD DB, SHULZE JA (U.S. Geological Survey). 1970. Biochemical oxygen demand, dissolved oxygen, selected nutrients and pesticide records of Texas surface waters, 1968. Austin (TX): Texas Water Development Board. (Texas Water Development Board. Report: 108) 37 p.
1690. EARHART J, VAUGHAN T, MONTEMAYOR A. 1995. Assessing water quality in the Rio Grande upstream and downstream of the sister cities, Laredo, Texas and Nuevo Laredo, Tamaulipas. Report to the Texas Natural Resources Conservation Commission. 22 p.
1691. GANEM-MUSI E. 1983. Wastewater management on the Rio Grande [MSc thesis]. Austin (TX): University of Texas. 182 p.
1692. GEOLOGICAL SURVEY (U.S.). 1968-. Chemical and physical characteristics of water in estuaries of Texas, _____. Annual report. Austin (TX): Texas Water Development Board. (Report (Texas Water Development Board) 1968-1973; Report (Texas Dept. of Water Resources) 1973-).
1693. GEOLOGICAL SURVEY (U.S.). [1993]. National water-quality assessment program: water use in the Rio Grande valley, 1990. [Reston (VA)]: Geological Survey. (U.S. Geological Survey open-file report: 93-456) 2 p.
1694. GEOLOGICAL SURVEY (U.S.). WATER RESOURCES DIVISION. 1965-. Water resources data for Colorado, water year _____. Volume 1, Missouri River Basin, Arkansas River Basin, and Rio Grande Basin. Annual report. [Lakewood (CO)]: U.S. Dept. of the Interior, Geological Survey. (U.S. Geological Survey water-data report). Available from: National Technical Information Service (NTIS); 22161.
1695. GEOLOGICAL SURVEY (U.S.). WATER RESOURCES DIVISION. 1965-. Water resources data for Texas. Volume 3, Colorado River basin, Lavaca River basin, Guadalupe River basin, Nueces River basin, Rio Grande basin, and intervening coastal basins. Annual report. [Austin (TX)]: U.S. Dept. of the Interior, Geological Survey. (U.S. Geological Survey water-data report). Available from: National Technical Information Service (NTIS) 22161.
1696. HERNANDEZ JW. 1976. Rio Grande water quality base line study, 1974-75, for the Rio Grande canals and associated drains from San Marcial, New Mexico to Fort Quitman, Texas. Las Cruces (NM): New Mexico State University, New Mexico Water Resources Research Institute. 154 p.
1697. HERNANDEZ JW. 1978. Interrelationship of ground and surface water quality in the El Paso-Juarez and Mesilla valleys. *Nat. Resour. J.* 18:1-9.
1698. HERRERA H, CLASSEN NW. 1966. Arroyo Colorado water quality survey. [Austin (TX)]: Tex. Dep. Health, Water Pollut. Control Div. 38 p.
1699. HOPKINS J. 1995. Evaluation of ground-water quality in Texas counties bordering the Rio Grande. Austin (TX): Texas Water Development Board. LP-214. 26 p.
1700. HOPKINS J, NORDSTROM P. [1994]. It's twelve months after the passage of NAFTA: do you know where your ground-water quality data are? In: Factors affecting water resources. Proceedings, Texas section, American Water Resources Association fall meeting; 1994 Dec 9; Austin, TX. Austin: J.J. Pickle Research Center. p 81-93.
1701. HORNIG CE, BAYER CW, TWIDWELL SR, DAVIS JR, KLEINSASSER RJ, LINAM GW, MAYES KB. 1995. Development of regionally-based biological criteria in Texas. In: Davis WS, Simon TP, editors. Biological assessment and criteria: tools for water resource planning and decision making. Boca Raton (FL): Lewis Publishers, Inc. p 145-52.
1702. KIRKPATRICK JS. [1976]. Intensive surface water monitoring survey for segment no. 2305, Amistad Reservoir. Austin (TX): Texas Water Quality Board, Field Operations Division, Surveillance Section. (Texas Water Quality Board. Report: IMS 21) 38 p.
1703. LAMBERT WP, FRUH EG. [197-]. Methodology to evaluate alternative coastal zone management policies, application in the Texas coastal zone: special report III, a methodology for investigating fresh water inflow requirements of a Texas estuary. Volume I, Methodology. Austin (TX): University of Texas, Center for Research in Water Resources. (University of Texas at Austin. Center for Research in Water Resources. CRWR: 133) 438 p.
1704. LIEB VE. 1919. Final report on preliminary examinations of the Lower Rio Grande Valley Project, Texas. McAllen (TX): U.S. Department of the Interior, Reclamation Service. 116 p.
1705. LIND OT, BANE CA. 1975. A limnological survey of aquatic resources of the Rio Grande valley in Big

- Bend National Park between Hot Springs and Boquillas Canyon. Report to National Park Service, Southwest Region, Off. Nat. Sci., project order nr PX700 3 0502. 102 p. In: Investigator's annual report, appendix. Located at: Big Bend National Park.
1706. LIND OT, BANE CA. 1980. Aquatic ecosystems of Big Bend National Park: biological and chemical indicators of water quality. In: Proceedings of the 2nd Conference on Scientific Research in the National Parks. Volume 2, Aquatic biology; 1979 Nov 26-30; San Francisco, CA. [Washington]: National Park Service. p 7-27.
 1707. MCCANN B. 1993. River water quality assessed. *Water Environ. Technol.* 5:29-30.
 1708. MENDIETA HB (Geological Survey, Austin, Tex). 1974. Reconnaissance of the chemical quality of surface waters of the Rio Grande basin, Texas. Austin (TX): Texas Water Development Board. (Report (Texas Water Development Board): 180) 109 p.
 1709. MIYAMOTO S, FENN LB, SWIETLIK D. 1995. Flow, salts, and trace elements in the Rio Grande: a review. College Station (TX): Texas A&M University System, Texas Agricultural Experiment Station, Texas Water Resources Institute. (Technical report (Texas Water Resources Institute): 169) 30 p.
 1710. OTTMERS DD. 1979. Intensive surface water monitoring survey for segment no. 2308, Rio Grande: Riverside Diversion Dam to New Mexico state line. Austin (TX): Texas Dept. of Water Resources. (Report (Texas. Dept. of Water Resources): IMS 82) 31 p.
 1711. OYARZABAL F. 1982. La calidad de las aguas del Bajo Río Bravo [The quality of water of the Rio Bravo basin]. *Nat. Resour. J.* 22(4):925-37.
 1712. PAUL GARZA AND ASSOCIATES. 1971. Regional water pollution control plan. Laredo (TX): South Texas Development Council. 2 v.
 1713. PHILLIPS JD. 1989. Non-point pollution control effectiveness of riparian forest along a coastal plain river. *J. Hydrol.* 110:221-37.
 1714. POPP CJ. 1980. Trace metal transport and partitioning in the suspended sediments of the Rio Grande and tributaries in central New Mexico. *Chemosphere* 9:89-98.
 1715. PRESTON RD. [1983]. Occurrence and quality of ground water in the vicinity of Brownsville, TX. Austin (TX): Texas Department of Water Resources. (Report (Texas. Dept. of Water Resources): 279) 98 p.
 1716. ROBERTS JL. 1987. A historical water quality analysis of the Rio Grande river from Presidio, Texas to Dryden, Texas (the Rio Grande as a potable water source). 371 p. Located at: Big Bend National Park.
 1717. ROBERTS JL. 1989. An environmental evaluation of the Rio Grande water quality in the Big Bend area [MSc thesis]. Alpine (TX): Sul Ross State University. 100 p.
 1718. ROBERTS JL. 1989. Survey of constituents in the Rio Grande river from above the Río Conchos confluence to Horse Canyon, Black Gap Wildlife Management Area. 3 v. Located at: Big Bend National Park.
 1719. ROHLICH GA. 1982. Surface water quality in the border area between El Paso and the Gulf of Mexico. *Nat. Resour. J.* 22(4):915-24.
 1720. SALINITY LABORATORY (U.S.). 1946-. Discharge and salt burden of the Rio Grande above Fort Quitman, Texas and salt-balance conditions of the Elephant Butte Project. Annual report. Riverside (CA): U.S. Department of Agriculture, Agricultural Research Service, Soil and Water Conservation Division.
 1721. STERNES KL, SANTANA LM. 1996. Variations in bacterial density in water and sediment along the Rio Grande. *Abstr. Gen. Meet. Am. Soc. Microbiol.* 96:456.
 1722. TEXAS DEPARTMENT OF AGRICULTURE, TEXAS RURAL WATER QUALITY NETWORK PROJECT. 1986. Challenge of the colonias: small community wastewater management in the Lower Rio Grande Valley. [Austin (TX)]: Texas Dept. of Agriculture, National Demonstration Water Project. 13 p.
 1723. TEXAS NATURAL RESOURCE CONSERVATION COMMISSION. 1991. Texas surface water quality standards. Published in Texas Register as Chapter 307, Texas surface water quality standards, 307.2-307.10. [Austin (TX)]: Texas Natural Resources Conservation Commission. (Limited publication (Texas. Dept. of Water Resources): 71) 138 p.
 1724. TEXAS NATURAL RESOURCE CONSERVATION COMMISSION, WATERSHED MANAGEMENT

- DIVISION. [1994-]. Regional assessment of water quality in the Rio Grande Basin. Biennial report. Austin (TX): Texas Natural Resource Conservation Commission.
1725. TEXAS WATER COMMISSION. 19---. The state of Texas water quality inventory. Biennial report. Austin (TX): Texas Water Commission. (LP (Texas Water Commission)).
 1726. TEXAS WATER COMMISSION. 1986. Waste load evaluation for the Rio Grande near El Paso in the Rio Grande basin: segment 2308, Rio Grande below International Dam; segment 2314, Rio Grande above International Dam. Austin (TX): Texas Water Commission. 82 p.
 1727. TEXAS WATER COMMISSION. 1990. Waste load evaluation for the Arroyo Colorado in the Nueces-Rio Grande coastal basin, segment 2201-Arroyo Colorado tidal, segment 2202-Arroyo Colorado above tidal. Austin (TX): Texas Water Commission. WLE 90-04. 163 p.
 1728. TEXAS WATER COMMISSION. 1991. Waste load evaluation of dissolved oxygen in the Rio Grande below Amistad Reservoir in the Rio Grande basin. Austin (TX): Texas Water Commission.
 1729. TEXAS WATER COMMISSION. 1992. Excerpted statewide materials: summary report--regional assessments of water quality pursuant to the Texas Clean Rivers Act (Senate Bill 818). Austin (TX): Texas Water Commission. GP 92-01A. 1 v.
 1730. TEXAS WATER COMMISSION. 1992. Regional assessment of water quality in the Rio Grande basin. Prepared under the authorization of the Texas Clean Rivers Act. Austin (TX): Texas Water Commission. GP-92-02. 207 p.
 1731. TEXAS WATER COMMISSION. 1992. Summary report: regional assessments of water quality pursuant to the Texas Clean Rivers Act (Senate Bill 818). Austin (TX): The Commission. GP 92-01. 315 p.
 1732. TEXAS WATER DEVELOPMENT BOARD. 1992. Water and wastewater needs of colonias in Texas. [Austin (TX)]: Texas Water Development Board, Facility Needs Section. 1 v.
 1733. TEXAS WATER QUALITY BOARD, FIELD OPERATIONS DIVISION, SURVEILLANCE SECTION, SPECIAL STUDIES PROGRAM. [1974]. Intensive surface water monitoring survey for segment no. 2303, Falcon Lake. Austin (TX): The Board. (Texas Water Quality Board. Report: IMS 11) 25 p.
 1734. TWIDWELL SR. 1978. Intensive surface water monitoring survey for segment no. 2201, Arroyo Colorado tidal. Austin (TX): Texas Department of Water Resources. (Report (Texas. Dept. of Water Resources): IMS 72) [39] p.
 1735. UNITED STATES. NATIONAL PARK SERVICE. 1995. Baseline water quality data inventory and analysis, Big Bend National Park. Washington: U.S. Department of the Interior, National Park Service, Water Resources Division. Technical report NPS/NRWRD/NRTR-95/51. 276 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 169.
 1736. UNITED STATES. OFFICE OF SALINE WATER. 1972. Proposed hybrid prototype desalting plant for Brownsville, Texas: draft environmental impact statement. [Washington]: Office of Saline Water. 25 p. Available from: National Technical Information Service (NTIS); PB-206 256-D.
 1737. WARSHAW S. 1975. Water quality segment report for segment no. 2302, Rio Grande. [Austin (TX)]: Texas Water Quality Board, Field Operations Division, Surveillance Section. WQS-15. 33 p.
 1738. WARSHAW S. 1975. Water quality segment report for segment no. 2491, Laguna Madre. [Austin (TX)]: Texas Water Quality Board, Field Operations Division, Surveillance Section. (Texas Water Quality Board. Report: WQS 14) 38 p.
 1739. WEBSTER CF. 1991. International Falcon Reservoir and its Rio Grande headwaters: segments 2303 and 2304, intensive survey May 8-10, 1989 and water quality trends 1972-1989. Austin (TX): Texas Water Commission. IS 91-02. 152 p.
 1740. WELLS FC, JACKSON GA, ROGERS WJ. 1988. Reconnaissance investigation of water quality, bottom sediment, and biota associated with irrigation drainage in the Lower Rio Grande Valley and Laguna Atascosa National Wildlife Refuge, Texas, 1986-87. Austin (TX): U.S. Dept. of the Interior, Geological Survey. (U.S. Geological Survey water-resources investigations report: 87-4277) 89 p. Available from: U.S. Geological Survey, Information Services, Open File Reports.

N. Environmental Contaminants and Toxicology

1741. AHR WM. 1972. The DDT profile of some South Texas coastal-zone sediments: a study of the mechanisms of pollution dispersal and accumulation in nature. [College Station (TX)]: Texas A&M University. (Environmental quality note: 5) 32 p.
1742. AHR WM. 1973. Long-lived pollutants in sediments from the Laguna Atascosa National Wildlife Refuge, Texas. *Geol. Soc. Am. Bull.* 84(8):2511-6.
1743. ALEXANDER R. 1985. Pesticide use and worker exposure in the Rio Grande valley of Texas. Weslaco (TX): Texas Rural Legal Aid, Inc., Farm Worker Health and Safety Project. 133 p.
1744. ANDREASEN JK. 1985. Insecticide resistance in mosquitofish of the Lower Rio Grande Valley of Texas--an ecological hazard? *Arch. Environ. Contam. Toxicol.* 14(5):573-7.
1745. APPLGATE HG. 1966. Pesticides at Presidio: I, general survey. *Tex. J. Sci.* 18:171-8.
1746. APPLGATE HG. 1966. Pesticides at Presidio: II, vegetation. *Tex. J. Sci.* 18(3):266-71.
1747. APPLGATE HG. 1970. Insecticides in the Big Bend National Park. *Pestic. Monit. J.* 4(1):2-7.
1748. APPLGATE HG. 1979. Residues in fish, wildlife and estuaries: insecticides in the Big Bend National Park. *Pestic. Monit. J.* 4(1):2-7.
1749. APPLGATE HG, HANSELKA CW. 1974. La junta de los rios del Norte y Conchos. [El Paso (TX)]: Texas Western Press. (Southwestern studies (El Paso, Tex.) monograph: 41) 64 p.
1750. APPLGATE HG, HANSELKA W, CULLEY DD, JR. 1971. The effect of insecticides on an ecosystem in the northern Chihuahuan Desert. Tucson (AZ): University of Arizona Press. (Reprinted from *Food, fiber and the arid lands*, p. 393-404) 12 p.
1751. AURELIUS LA. 1989. Testing for pesticide residues in Texas well water. Austin (TX): Texas Department of Agriculture. 188 p.
1752. BACH S, COFER J. 1981. Final report on assessment of potential impacts on the photosynthetic processess and food chain implications resulting from inflow of turbid waters carrying pesticides in the Laguna Madre, Texas. Galveston (TX): U.S. Fish and Wildlife Service, Ecological Services. 33 p.
1753. BAHNICK DA, SAUER C., BUTTERWORTH B, KUEHL DW. 1994. A national study of mercury contamination of fish: IV, analytical methods and results. *Chemosphere* 29(3):537-46.
1754. BEASOM SL, SCIFRES CJ. 1977. Population reactions of selected game species to aerial herbicide applications in South Texas. *J. Range Manage.* 30:138-42.
1755. BEYERS DW. 1995. Acute toxicity of Rodeo registered herbicide to Rio Grande silvery minnow as estimated by surrogate species: plains minnow and fathead minnow. *Arch. Environ. Contam. Toxicol.* 29(1): 24-6.
1756. BLACK & VEATCH. 1981. Nonpoint source pollutant sampling program. [McAllen (TX)]: [Lower Rio Grande Valley Development Council]. Project nr 8708.001. TX Doc nr L2750.8, N733s. 1 v.
1757. BLACK & VEATCH. 1981. Toxic substance pollutant sampling program. [McAllen (TX)]: [Lower Rio Grande Valley Development Council]. TX Doc nr L2750.8, T667s. 1 v.
1758. BLACK & VEATCH. 1982. Toxic substance and non-point source report. [McAllen (TX)]: [Lower Rio Grande Valley Development Council]. B&V project nr 8708.001. 1 v.
1759. BLACKWELL ENVIRONMENTAL INC., PEREZ CONSULTING ENGINEERS, MARTIN & BROWN CONSULTING ENGINEERS. 1993. Lower Rio Grande Valley Development Council regional solid waste management plan 1990-2010. [Austin (TX)]: Texas Water Commission. 1 v.
1760. BLUS LJ, BURKETT SN, JR., LAMONT TG, MULHERN B. 1977. Residues of organochlorines and heavy metals in tissues and eggs of brown pelicans, 1969-1973. *Pestic. Monit. J.* 11:40-53.
1761. BRYANT KJ, LACEWELL RD, ROBINSON JRC, NORMAN JW, JR., SPARKS AN, JR., BREMER JE. 1993. Economic impact of withdrawing specific agricultural pesticides in the Lower Rio Grande Valley. College Station (TX): Texas A&M University, Texas Water Resources Institute.

- (Technical report (Texas Water Resources Institute): 157) 32 p.
1762. BURNS JE. 1974. Organochlorine pesticide and polychlorinated biphenyl residues in biopsied human adipose tissue--Texas, 1969-72. *Pestic. Monit. J.* 7(3/4):122-6.
 1763. CHILDRESS UR. 1970. Levels of concentration and incidence of various pesticide residues in Texas. [Austin (TX)]: Texas Parks and Wildlife Department, Coastal Fisheries Branch. (MP-R project reports, bay areas and streams).
 1764. CLARK DR, JR., FLICKINGER EL, WHITE DH, HOTHEM RL, BELISLE AA. 1995. Dicofol and DDT residues in lizard carcasses and bird eggs from Texas, Florida, and California. *Bull. Environ. Contam. Toxicol.* 54(6):817-24.
 1765. CULLEY DD, APPLGATE HG. 1967. Insecticide concentrations in wildlife at Presidio, Texas. *Pestic. Monit. J.* 1(2):21-8.
 1766. CUSTER TW, MITCHELL CA. 1987. Exposure to insecticides of brushland wildlife within the Lower Rio Grande Valley, Texas, USA. *Environ. Pollut.* 45(3):207-20.
 1767. CUSTER TW, MITCHELL CA. 1987. Organochlorine contaminants and reproductive success of black skimmers in South Texas. *J. Field Ornithol.* 58: 480-9.
 1768. CUSTER TW, MITCHELL CA. 1989. Organochlorine contaminants in white-faced ibis eggs in southern Texas. *Colon. Waterbirds* 12:126-9.
 1769. CUSTER TW, MITCHELL CA. 1991. Contaminant exposure of willets feeding in agricultural drainages of the Lower Rio Grande Valley of South Texas. *Environ. Monit. Assess.* 16(2):189-200.
 1770. CUSTER TW, MITCHELL CA. 1993. Trace elements and organochlorines in the shoalgrass community of the lower Laguna Madre, Texas. *Environ. Monit. Assess.* 25(3):235-46.
 1771. DAVIS AM, ALTAMIRANO-PEREZ R. 1989. Hazardous waste management at the Mexican-U.S. border. *Environ. Sci. & Technol.* 23(10):1208-10.
 1772. DAVIS JR, KLEINSASSER LJ, CANTU R. 1995. Toxic contaminants survey of the lower Rio Grande, lower Arroyo Colorado, and associated coastal waters. Austin (TX): Texas Natural Resource Conservation Commission. AS-69. 127 p.
 1773. DAVIS JR, KLEINSASSER LJ, CANTU R, SAUNDERS K. 1994. Occurrence and impact of toxic chemicals in the Rio Grande and selected tributaries, Texas and Mexico. [Austin (TX)]: Texas Natural Resources Conservation Commission, Research and Environmental Assessment Section. 245 p.
 1774. DEWEESE LR, MCEWEN LC, HENSLER GL, PETERSEN BE. 1986. Organochlorine contaminants in passeriformes and other avian prey of the peregrine falcon in the western United States. *Environ. Toxicol. Chem.* 5:675-93.
 1775. DICK M. 1982. Pesticide and PCB concentrations in Texas: water, sediment, and fish tissue. Austin (TX): Texas Department of Water Resources, Enforcement and Field Operations Division. (Report (Texas. Dept. of Water Resources): 264) 77 p.
 1776. DUMAS GA. 1974. Determination of submicrogram quantities of mercury in the Rough Run-Terlingua Creek area of the Big Bend region of Texas [MA thesis]. Alpine (TX): Sul Ross State University. 19 p.
 1777. DZIUK LJ, PLAPP FW. 1973. Insecticide resistance in mosquitofish from Texas. *Bull. Environ. Contam. Toxicol.* 9:15-9.
 1778. FLEET RR, CLARK DR, PLAPP FW. 1972. Residues of DDT and dieldrin in snakes from two Texas agro-systems. *Bioscience* 22(11):664-5.
 1779. FLICKINGER EL. 1979. Effects of aldrin exposure on snow geese in Texas rice fields. *J. Wildl. Manage.* 43(1):94-101.
 1780. FLICKINGER EL, KING KA. 1972. Some effects of aldrin-treated rice on Gulf Coast wildlife. *J. Wildl. Manage.* 36:706-27.
 1781. FLICKINGER EL, KING KA, STOUT WF, MOHN MM. 1980. Wildlife hazards from Furadan 3G applications to rice in Texas. *J. Wildl. Manage.* 44:190-7.
 1782. FLICKINGER EL, MEEKER DL. 1972. Pesticide mortality of young white-faced ibis in Texas. *Bull. Environ. Contam. Toxicol.* 8:165-8.
 1783. FLICKINGER EL, MITCHELL CA, KRYNITSKY AJ. 1986. Dieldrin and endrin residues in fulvous

- whistling-ducks in Texas in 1983. *J. Field Ornithol.* 57:85-90.
1784. FLICKINGER EL, MITCHELL CA, WHITE DH, KOLBE EJ. 1986. Bird poisoning from misuse of the carbamate Furadan in a Texas rice field. *Wildl. Soc. Bull.* 14:59-62.
 1785. FLICKINGER EL, WHITE DH, MITCHELL CA, LAMONT TG. 1984. Monocrotophos and dicrotophos residues in birds as a result of misuse of organophosphates in Matagorda County, Texas. *J. Assoc. Off. Anal. Chem.* 67:827-8.
 1786. FRANCIS EZ, AKLAND G, ZENICK H. 1994. Update on Brownsville: results of pilot exposure study and future activities. *Teratology* 49(5):419.
 1787. FYFE RW, RISEBROUGH RW, MONK JG, JARMAN WM, ANDERSON DW, KIFF LF, LINCER JL, NISBET ICT, WALKER W, WALTON BJ. 1988. DDE, productivity, and eggshell thickness relationships in the genus *Falco*. In: Cade TJ, Enderson JH, Thelander CG, White CM, editors. *Peregrine falcon populations: their management and recovery*. Boise (ID): Peregrine Fund. p 319-35.
 1788. GALLAGHER DS, JR. 1974. Mercury concentrations in lizards collected from the Terlingua mining district of Trans-Pecos Texas [MSc thesis]. Alpine (TX): Sul Ross State University. 48 p.
 1789. GAMBLE LR, JACKSON G, MAURER TC. 1988. Organochlorine, trace element and petroleum hydrocarbon contaminants investigation of the Lower Rio Grande Valley, Texas, 1985-1986. Corpus Christi (TX): U.S. Fish and Wildlife Service. 1 v.
 1790. GAMBLE LR, WOODIN M. 1993. Contaminants in redhead ducks wintering in Baffin Bay and Redfish Bay, Texas. Corpus Christi (TX): U.S. Fish and Wildlife Service, Fish and Wildlife Enhancement. 19 p.
 1791. GONZALEZ JH. 1978. Organochlorine pesticide residue, physico-chemical, and bacteriological profile of the lower Rio Grande river of Texas [MSc thesis]. [Edinburg (TX)]: Pan American University. 47 p.
 1792. GRAF WL. 1994. Plutonium and the Rio Grande: environmental change and contamination in the nuclear age. New York: Oxford University Press. 329 p.
 1793. HANSELKA CW. 1968. Effects of pesticides on black-tailed jackrabbits in the Presidio Basin, Texas [MSc thesis]. [College Station (TX)]: Texas A&M University. 65 p.
 1794. HASELTINE SD, FINLEY MT, CROMARTIE E. 1980. Reproduction and residue accumulation in black ducks fed toxaphene. *Arch. Environ. Contam. Toxicol.* 9:461-71.
 1795. HATCHER RL, WISEMAN JS. 1969. Epidemiology of pesticide poisoning in the Lower Rio Grande Valley in 1968. *Tex. Med.* 65(8):40-3.
 1796. HEALY DF. 1996. Water-quality assessment of the Rio Grande Valley, Colorado, New Mexico, and Texas: occurrence and distribution of selected pesticides and nutrients at selected surface-water sites in the Mesilla Valley, 1994-1995. Albuquerque (NM): U.S. Dept. of the Interior, U.S. Geological Survey. (Water-resources investigations report: 96-4069) 85 p. Available from: U.S. Geological Survey, Information Services, Open File Reports.
 1797. HENDERSON C, INGLIS A, JOHNSON WL. 1971. Organochlorine insecticide residues in fish--fall 1969: National Pesticide Monitoring Program. *Pestic. Monit. J.* 5(1):1-11.
 1798. HENDERSON C, INGLIS A, JOHNSON WL. 1972. Mercury residues in fish, 1969-1970--National Pesticide Monitoring Program. *Pestic. Monit. J.* 6(3):144-59.
 1799. HENDERSON C, JOHNSON WL, INGLIS A. 1969. Organochlorine insecticide residues in fish (National Pesticide Monitoring Program). *Pestic. Monit. J.* 3(3):145-71.
 1800. HENNY CJ, RIDDLE KE, HULSE CS. 1988. Organochlorine pollutants in plasma of spring migrant peregrine falcons from coastal Texas, 1984. In: Cade TJ, Enderson JH, Thelander CG, White CM, editors. *Peregrine falcon populations: their management and recovery*. Boise (ID): Peregrine Fund. p 423-7.
 1801. HENNY CJ, SEEGAR WS, MAECHTLE TL. 1996. DDE decreases in plasma of spring migrant peregrine falcons, 1978-94. *J. Wildl. Manage.* 60(2):342-9.
 1802. HENNY CJ, WARD FP, RIDDLE KE, PROUTY RM. 1982. Migratory peregrine falcons accumulate

- pesticides in Latin America during winter. *Can. Field-Nat.* 96:333-8.
1803. HENRY AL. 1993. Organochlorine levels in aplomado falcon habitat as indicated by residues in great-tailed grackles [MSc thesis]. Las Cruces (NM): New Mexico State University. 44 p.
 1804. HITCH RK, DAY HR. 1992. Unusual persistence of DDT in some western USA soils. *Bull. Environ. Contam. Toxicol.* 48(2):259-64.
 1805. HODGE LD. 1994. Poisoning a region's lifeblood. On the border special issue. *Tex. Parks Wildl.* 1994(Apr).
 1806. HOGAN KM. 1987. The problem of DDT and peregrines in the Trans-Pecos. *Chihuah. Desert Discov.* 22:8-9.
 1807. HOUSTON JG. 1975. Mercury study in Big Bend. 11 p. Final progress report on United States Department of Interior grant CX 7000 40154. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 79.
 1808. HOUSTON JG, DUMAS GA. 1973. Mercury study in the Rough Run-Terlingua Creek and Rio Grande areas of Big Bend, Texas. Alpine (TX): Sul Ross State University. Contract nr CX 7000030102. 10 p.
 1809. HUNT WG, JOHNSON BS. 1977. Postscript: DDT and the diet of Texas peregrine falcons. In: Chihuahuan Desert Research Institute. Nesting peregrine falcons. Alpine (TX): Chihuahuan Desert Research Institute. Prepared for the Texas Parks and Wildlife Department, Austin, TX under contract nr 377-439, Federal Aid Project nr W-103-R-7, Job nr 33. (CDRI contribution: 37) p 43-46.
 1810. HUNT WG, JOHNSON BS. 1982. Nesting peregrine falcons and pesticides in western Texas, 1982. Contract nr 14-16-0002-82-206. (CDRI contribution). 53 p. Located at: Big Bend National Park.
 1811. HUNT WG, JOHNSON BS, THELANDER CG, WALTON BJ, RISEBROUGH RW, JARMAN WM, SPRINGER AM, MONK JG, WALKER W II. 1986. Environmental levels of p, p'-DDE indicate multiple sources. *Environ. Toxicol. Chem.* 5(1): 21-7.
 1812. HUYSMAN AP. 1995. Nesting ecology and contaminant burdens of reddish egrets (*Egretta rufescens*) of the Texas and Mexico coasts [MSc thesis]. [Raleigh (NC)]: North Carolina State University. 67 p.
 1813. INGLIS A, HENDERSON C, JOHNSON WL. 1971. Expanded program for pesticide monitoring of fish. *Pestic. Monit. J.* 5(1):47-9.
 1814. IRWIN RJ. 1989. Toxic chemicals in fish and wildlife at Big Bend National Park, Texas. Fort Worth (TX): U.S. Fish and Wildlife Service, Ecological Services Field Office. Contaminants report. 36 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 127.
 1815. JOHNSON AS. 1995. Spatial distribution of trace elements in irrigated fields: examples from the Texas/Mexico border [MSc thesis]. El Paso (TX): University of Texas. 135 p.
 1816. JUDD FW. 1977. Toxicity of monosodium methanearsonate herbicide to Couch's spadefoot toad, *Scaphiopus couchii*. *Herpetologica* 33:44-6.
 1817. KALKE RD, DUKE TW, FLINT RW. 1982. Weathered Ixtoc 1 effects on estuarine benthos. *Estuarine Coastal Shelf Sci.* 15:75-84.
 1818. KELLY ME, CONTRERAS S. 1995. The 1994 Rio Grande toxics study: an evaluation and user's guide. Austin (TX): Texas Center for Policy Studies. 1 v.
 1819. KHAN AA, RICHESON JV. 1982. Mercury in adult aquatic and terrestrial insects in the Terlingua Creek area of Brewster Co., Texas. In: Davis JR, editor. Proceedings of the Symposium on Recent Benthological Investigations in Texas and Adjacent States held at the Texas Academy of Science 85th annual meeting; 1982 Mar 4-6; Angelo State University, San Angelo (TX). Austin (TX): Texas Academy of Science, Aquatic Sciences Section. p 161-8.
 1820. KIFF LF, PEAKALL DB. 1980. Eggshell thinning and organochlorine residues in the bat and aplomado falcons in Mexico. *Int. Ornith. Congr.* 17:949-52.
 1821. KING KA, FLICKINGER EL, HILDEBRAND HH. 1978. Shell thinning and pesticide residues in Texas aquatic bird eggs, 1970. *Pestic. Monit. J.* 12:16-21.
 1822. KING KA, LELEUX J, MULHERN BM. 1984. Molybdenum and copper levels in white-tailed deer near uranium mines in Texas. *J. Wildl. Manage.* 48:267-70.

1823. KING KA, MEEKER DL, SWINEFORD DM. 1980. White-faced ibis populations and pollutants in Texas, 1969-1976. *Southwest. Nat.* 25:225-40.
1824. KUEHL DW, BUTTERWORTH B, MARQUIS PJ. 1994. A national study of chemical residues in fish: III, study results. *Chemosphere* 29(3):523-35.
1825. LAHSER C, APPLGATE HG. 1966. Pesticides at the Presidio: III, soil and water. *Tex. J. Sci.* 18(4):386-95.
1826. LEE CM, SCHULTZ TW. 1995. Carbofuran toxicosis of eighteen great-tailed grackles near Santa Ana National Wildlife Refuge, Hidalgo Co., Texas. Corpus Christi (TX): U.S. Fish and Wildlife Service, Fish and Wildlife Enhancement. 2 p.
1827. LEWIS ER, MAY TW, BRUMBAUGH WG, KANE DA. 1991. National contaminant biomonitoring program: concentrations of seven elements in freshwater fish, 1978-1981. *Arch. Environ. Contam. Toxicol.* 14(1-3):363-88.
1828. LICHTENBERG JL, EICHELBERGER JW, DRESSMAN RC, LONGBOTTOM JE. 1970. Pesticides in surface waters of the United States--a 5-year summary, 1964-68. *Pestic. Monit. J.* 4(2):71-86.
1829. LOWE P. 1984. Concentrations of organochlorine compounds in fish and crayfish collected from the Rio Grande and Pecos River drainages. Columbia (MO): U.S. Fish and Wildlife Service, Columbia National Fisheries Research Laboratory [now Midwest Science Center]. 7 p.
1830. LOWE TP, MAY TW, BRUMBAUGH WG, KANE DA. 1985. National Contaminant Biomonitoring Program: concentrations of seven elements in freshwater fish, 1978-1981. *Arch. Environ. Contam. Toxicol.* 14:363-88.
1831. MARION WR. 1976. Organochlorine pesticide residues in plain chachalacas from South Texas, 1971-72. *Pestic. Monit. J.* 10(3):84-6.
1832. MICHOT TC, CUSTER TW, NAULT AJ, MITCHELL CA. 1994. Environmental contaminants in redheads wintering in coastal Louisiana and Texas. *Arch. Environ. Contam. Toxicol.* 26(4):425-34.
1833. MILLER FM, GOMES ED. 1974. Detection of DCPA residues in environmental samples. *Pestic. Monit. J.* 8(1):53-8.
1834. MITCHELL CA, WHITE DH, KOLBE EJ, BIEVER RC. 1984. Dicrotophos poisoning of great-tailed grackles in Texas. *J. Wildl. Dis.* 20:256-7.
1835. MORA MA. 1995. Residues and trends of organochlorine pesticide and polychlorinated biphenyls in birds from Texas, 1965-88. Washington: United States. Department of the Interior. National Biological Service. (Fish and wildlife research 1040-2411: 14) 26 p.
1836. MORA MA. 1996. Congener-specific polychlorinated biphenyl patterns in eggs of aquatic birds from the lower Laguna Madre, Texas. *Environ. Toxicol. Chem.* 15(6):1003-10.
1837. MORA MA. 1996. Organochlorines and trace elements in four colonial waterbird species nesting in the lower Laguna Madre, Texas. *Arch. Environ. Contam. Toxicol.* 31:533-7.
1838. MORRISON ML, SLACK RD, SHANLEY EJ. 1978. Declines in environmental pollutants in olivaceous cormorant eggs from Texas, 1970-1977. *Wilson Bull.* 90:640-2.
1839. NICKERSON PR, BARBEHENN KR. 1975. Organochlorine residues in starlings, 1972. *Pestic. Monit. J.* 8(4):247-54.
1840. NORMAN JW, SPARKS AN, JR. 1992. Suggested insecticides for management of cotton insects in the Lower Rio Grande Valley. College Station (TX): Texas A&M University System, Texas Agricultural Extension Service. B-1210A. 5 p.
1841. NORMAN JW, JR., SPARKS AN, JR. 1996. Suggested insecticides for management of cotton insects in the Lower Rio Grande Valley. College Station (TX): Texas A&M University System, Texas Agricultural Extension Service. B-1210A. 6 p.
1842. POPP CJ, BRANDVOLD DK, LYNCH TR, BRANDVOLD LA. 1983. An evaluation of sediments in the middle Rio Grande, Elephant Butte Reservoir, and Caballo Reservoir as potential sources for toxic materials. Las Cruces (NM): New Mexico State University, New Mexico Water Resources Research Institute. Technical completion report project nr 1412626. (WRII report (New Mexico State University. Water Resources Research Institute): 161) 97 p. Available from: National Technical Information Service (NTIS); PB83-221754.

1843. PROUTY RM, BUNCK CM. 1986. Organochlorine residues in adult mallard and black duck wings, 1981-1982. *Environ. Monit. Assess.* 6:49-57.
1844. ROBERTSON SM, GAMBLE LR. 1991. Contaminants investigation of irrigation drainwater in the Lower Rio Grande Valley, Texas, 1990. Corpus Christi (TX): U.S. Fish and Wildlife Service, Ecological Services. (U.S. Fish and Wildlife Service, Region 2, Contaminants Program: R2-90-2-102) 10 p.
1845. ROBERTSON SM, GAMBLE LR, MAURER TC. 1992. Contaminants survey of La Sal Vieja, Willacy Co., Texas. 1989. Corpus Christi (TX): U.S. Fish and Wildlife Service, Fish and Wildlife Enhancement. 15 p.
1846. SAMES WJ IV, BUENO R, JR., OLSON JK. 1996. Insecticide susceptibility of *Aedes aegypti* and *Aedes albopictus* in the Lower Rio Grande Valley of Texas and Mexico. *J. Am. Mosq. Control Assoc.* 12(3):1+.
1847. SCHMITT CJ, BRUMBAUGH WG. 1990. National Contaminant Biomonitoring Program: concentrations of arsenic, cadmium, copper, lead, mercury, selenium, and zinc in U.S. freshwater fish, 1976-1984. *Arch. Environ. Contam. Toxicol.* 19:731-47.
1848. SCHMITT CJ, LUDKE JL, WALSH DF. 1981. Organochlorine residues in fish: National Pesticide Monitoring Program, 1970-1974. *Pestic. Monit. J.* 14:136-204.
1849. SCHMITT CJ, RIBICK MA, LUDKE JL, MAY TW. 1983. National Pesticide Monitoring Program: organochlorine residues in freshwater fish, 1976-79. Washington: U.S. Dept. of the Interior, Fish and Wildlife Service. (Resource publication (U.S. Fish and Wildlife Service): 152) 62 p.
1850. SCHMITT CJ, ZAJICEK JL, PETERMAN PH. 1990. National Contaminant Biomonitoring Program: residues of organochlorine chemicals in U.S. freshwater fish, 1976-1984. *Arch. Environ. Contam. Toxicol.* 19:748-81.
1851. SCHULTZ TW. 1993. Contaminants investigation of an ocelot mortality at Laguna Atascosa National Wildlife Refuge, Texas. Corpus Christi (TX): U.S. Fish and Wildlife Service, Fish and Wildlife Enhancement. 1 p.
1852. SCHULZE JA, MANIGOLD DB, ANDREWS FL. Pesticides in water. *Pestic. Monit. J.* 7(1):73-84.
1853. SMITH DA, WISEMAN JS. 1971. Pesticide poisoning: epidemiology of pesticide poisoning in the Lower Rio Grande Valley in 1969. *Tex. Med.* 67(2):56-9.
1854. STEPHENSON BC, MCCLUNG BB. 1966. Mediterranean fruit fly eradication in the Lower Rio Grande Valley. *Bull. Entomol. Soc. Am.* 12(4):375-7.
1855. TACHA TC, SCHACHT SJ, GEORGE RR, HILL EF. 1994. Anticholinesterase exposure of white-winged doves breeding in Lower Rio Grande Valley, Texas. *J. Wildl. Manage.* 58(2):213-7.
1856. TANNER GW, INGLIS JM, BLANKENSHIP LH. 1978. Acute impact of herbicide strip treatment on mixed-brush white-tailed deer habitat on the northern Rio Grande plain. *J. Range Manage.* 31:386-91.
1857. TEXAS DEPARTMENT OF AGRICULTURE. 1971. First report on TDA pesticide monitoring for the streams and rivers of Texas. Austin (TX): Texas Department of Agriculture, Environmental Resource Division.
1858. TEXAS DEPARTMENT OF HEALTH. 1996. Fish tissue sampling data 1980-1993. Austin (TX): [Texas Department of Health]. 224 p.
1859. TEXAS GENERAL LAND OFFICE. 1995. Rio Grande Coastal Impact Monitoring Program: final project report. [Austin (TX)]: Texas General Land Office. U.S. Environmental Protection Agency, Region VI, Near Coastal Waters Program contract nr #X996069-0101. 173 p.
1860. THEBEAU LC, TUNNELL JW, DOKKEN QR, KINDINGER ME. 1981. Effects of the Ixtoc I oil spill on the intertidal and subtidal infaunal populations along lower Texas coast barrier island beaches. In: *Proceedings 1981 Oil Spill Conference (prevention, behavior, control, cleanup)*; 1981 Mar 2-5; Atlanta, GA. Washington: American Petroleum Institute. p 467-75.
1861. TIDSWELL B, MCCASLAND WE. 1972. An evaluation of pesticide residues on silt and sediment in Texas waterways. Austin (TX): Texas Department of Agriculture. 49 p.
1862. TIPTON AR, RAPPOLE J, KANE AH, FLORES RH, HOBBS J, JOHNSON DB, BEASOM SL. 1989. Use of DRC-1339 and PA-14 to control grackle

- populations in the Lower Rio Grande Valley. In: Great Plains Agricultural Council, Wildlife Resources Committee, sponsor. 9th Great Plains Wildlife Damage Control Workshop proceedings; 1989 Apr 17-20; Fort Collins, CO. Fort Collins: U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. (General technical report RM: 171) p 133-7.
1863. U.S. FISH AND WILDLIFE SERVICE. [1977]. Sediment and fish tissue studies on the Rio Grande, 1976-77, and on the Arroyo Colorado, 1978, in Texas (unpublished report). Albuquerque (NM): U.S. Fish and Wildlife Service, Region 2.
 1864. U.S. FISH AND WILDLIFE SERVICE. 1986. Preliminary survey of contaminant issues of concern on national wildlife refuges. Washington: U.S. Fish and Wildlife Service, Division of Refuge Management. 162 p.
 1865. UNITED STATES. ENVIRONMENTAL PROTECTION AGENCY. [1994]. Binational study regarding the presence of toxic substances in the Rio Grande/Río Bravo and its tributaries along the boundary portion between the United States and Mexico. Final report. [El Paso (TX)]: International Boundary and Water Commission. 246 p.
 1866. UNITED STATES. ENVIRONMENTAL PROTECTION AGENCY. OFFICE OF SCIENCE AND TECHNOLOGY. STANDARDS AND APPLIED SCIENCE DIVISION. 1992. National study of chemical residues in fish. Washington: U.S. Environmental Protection Agency, Office of Science and Technology, Standards and Applied Science Division. EPA 823-R-92-008. 2 v.
 1867. UNITED STATES. NATIONAL OCEAN SERVICE. 1991. Second summary of data on chemical concentrations in sediments from the National Status and Trends Program. Rockville (MD): U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service. (NOAA technical memorandum NOS OMA: 59) 148 p.
 1868. VILLARREAL-TREVINO CM, OBREGON-MORALES ME, LOZANO-MORALES JF, VILLEGAS-NAVARRO A. 1986. Bioaccumulation of lead, copper, iron, and zinc by fish in a transect of the Santa Catarina River in Cadereyta Jimenez, Nuevo León, México. Bull. Environ. Contam. Toxicol. 37:395-401.
 1869. WALSH DF, BERGER BL, BEAN JR. 1977. Mercury, arsenic, lead, cadmium, and selenium residues in fish -- 1971-1973 National Pesticide Monitoring Program. Pestic. Monit. J. 11:5-34.
 1870. WEBB JW, ALEXANDER SK, WINTERS JK. 1985. Effects of autumn application of oil on *Spartina alterniflora* in a Texas salt marsh. Environ. Pollut. Ser. A Ecol. Biol. 38(4):321-37.
 1871. WHITE DH. 1976. Nationwide residues of organochlorines in starlings, 1974. Pestic. Monit. J. 10:10-7.
 1872. WHITE DH. 1979. Nationwide residues of organochlorine compounds in starlings (*Sturnus vulgaris*), 1976. Pestic. Monit. J. 12:193-7.
 1873. WHITE DH. 1979. Nationwide residues of organochlorine compounds in wings of adult mallards and black ducks, 1976-77. Pestic. Monit. J. 13:12-6.
 1874. WHITE DH. 1984. Impacts of organochlorine pesticides on wildlife of the Rio Grande and Pecos River drainages of New Mexico and Texas. Final report submitted to the U.S. Fish and Wildlife Service Regional Office, Albuquerque, NM. Laurel (MD): U.S. Fish and Wildlife Service, Patuxent Wildlife Research Center. 24 p.
 1875. WHITE DH, BEAN JR, LONGCORE JR. 1977. Nationwide residues of mercury, lead, cadmium, arsenic, and selenium in starlings, 1973. Pestic. Monit. J. 11:35-9.
 1876. WHITE DH, HEATH RG. 1976. Nationwide residues of organochlorines in wings of adult mallards and black ducks, 1972-73. Pestic. Monit. J. 9:176-85.
 1877. WHITE DH, KING KA, MITCHELL CA, KRYNITSKY AJ. 1981. Body lipids and pesticide burdens of migrant blue-winged teal. J. Field Ornithol. 52: 23-8.
 1878. WHITE DH, KRYNITSKY AJ. 1986. Wildlife in some areas of New Mexico and Texas accumulate elevated DDE residues, 1983. Arch. Environ. Contam. Toxicol. 15(2):149-57.
 1879. WHITE DH, MITCHELL CA, KAISER TE. 1983. Temporal accumulation of organochlorine pesticides in shorebirds wintering on the South Texas coast. Arch. Environ. Contam. Toxicol. 12:241-5.

1880. WHITE DH, MITCHELL CA, KENNEDY HD, KRYNITSKY AJ, RIBICK MA. 1983. Elevated DDE and toxaphene residues in fishes and birds reflect local contamination in the Lower Rio Grande Valley, Texas. *Southwest. Nat.* 28(3):325-33.
1881. WHITE DH, MITCHELL CA, KOLBE EJ, WILLIAMS JM. 1982. Parathion poisoning of wild geese in Texas. *J. Wildl. Dis.* 18:389-91.
1882. WHITE DH, MITCHELL CA, PROUTY RM. 1983. Nesting biology of laughing gulls in relation to agricultural chemicals in South Texas, 1979-81. *Wilson Bull.* 95(4):540-51.
1883. WHITE DH, MITCHELL CA, SWINEFORD DM. 1984. Reproductive success of black skimmers in Texas relative to environmental pollutants. *J. Field Ornithol.* 55:18-30.

O. Air Quality

1884. APPLGATE HG. 1981. International air pollution in El Paso, Texas USA and Ciudad Juarez, Chihuahua, México. *Environ. Prof.* 3(1-2):67-78.
1885. APPLGATE HG, BATH RC, editors. 1974. Air pollution along the United States-Mexico border: the 1st Binational Symposium on Air Pollution; 1973 Sep 27-28; University of Texas. [El Paso (TX)]: Texas Western Press. 197 p.
1886. COMRIE AC. 1996. An all-season synoptic climatology of air pollution in the U.S.-Mexico border region. *Prof. Geogr.* 48(3):237-51.
1887. DAVILA GH. 1972. Air pollution control on the United States-Mexico border: international considerations. *Nat. Resour. J.* 12(4):543-50.
1888. DAVILA GH. 1975. Joint program on air pollution sampling of border cities of Mexico and the United States of America. *Bol. Of. Sanit. Panam.* 79(4): 290-6.
1889. DAVILA GH. 1976. Joint air pollution sampling program in twin cities on the USA-Mexico border. *Bull. Pan Am. Health Organ.* 10(3):241-6.
1890. DERRICK MR, MOYERS JL, YARBOROUGH KA, WARREN M. 1984. Aerosol and precipitation chemistry relationships at Big Bend National Park, Texas. *Water Air Soil Pollut.* 21:171-81.
1891. GINGERICH WP, editor. 1981. Air quality issues in the El Paso/Cd. Juarez border region. El Paso (TX): University of Texas at El Paso. (University of Texas at El Paso. Center for Inter-American Studies. Occasional papers: 5) 23 p.
1892. GISE J, BARTA R, PORTER T. 1993. Analysis and assessment of national atmospheric deposition program (NADP) and national trends network (NTN): Texas data. Austin (TX): Texas Air Control Board, Data Management and Analysis Division. 42 p. Located at: Big Bend National Park.
1893. GREEN C, KELLY M. 1993. The carbon II dilemma: a case study of the failings of U.S./Mexico environmental management in the border region. Austin (TX): Texas Center for Policy Studies. 27 p.
1894. JAUREGUI O. E. 1982. Aspectos meteorológicos de la contaminación del aire a lo largo de la frontera norte de México [Transnational air pollution]. Austin (TX): Segunda Reunión Estados Unidos-México sobre Estudios de la Frontera, Universidad de Texas en Austin. 17 p.
1895. JOSEPH DB, FLORES MI. 1993. Statistical summary of ozone measurements in the National Park System, 1981-1991. Volume I, Quick look annual summary statistics report. Denver (CO): United States Department of the Interior, National Park Service. Technical report NPS/NRAQD/NRTR-93/110, and NPS D-814 (Vol. 1 of 2). 301 p.
1896. JOSEPH DB, FLORES MI. 1993. Statistical summary of ozone measurements in the National Park System, 1981-1991. Volume II, Quick look yearly and growing season frequency distribution reports. Denver (CO): United States Department of the Interior, National Park Service. Technical report NPS/NRAQD/NRTR-93/111, and NPS D-814 (Vol. 2 of 2). 255 p.
1897. NOCHUMSON DH, WILLIAMS MD. 1984. Copper smelters and atmospheric visibility in national parks and wilderness areas in the Southwest. Los Alamos (NM): Los Alamos National Laboratory. 87 p. Available from: National Technical Information Service (NTIS).
1898. SHIELDS J. 1991. Ambient air arsenic levels along the Texas-Mexico border. *J. Air Waste Manage. Assoc.* 41:827-31.
1899. TELLOZ J. 1972. Sources of atmospheric pollution at the U.S.-Mexican border. *Nat. Resour. J.* 12(4): 564-6.
1900. UNITED STATES. NATIONAL PARK SERVICE. 1992. Big Bend National Park: 1990 gaseous pollutant and meteorological monitoring annual data summary. Denver (CO): United States Department of the Interior, National Park Service. Technical report NPS/NRAQD/NRTR-92/45 and NPS D-128. 46 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 128.
1901. UNITED STATES. NATIONAL PARK SERVICE. 1992. Big Bend National Park: 1991 gaseous pollutant and meteorological monitoring annual data summary. Denver (CO): United States Department of the Interior, National Park Service. Technical report NPS/NRAQD/NRTR-92/79 and NPS D-

129. 184 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 129.
1902. UNITED STATES. NATIONAL PARK SERVICE. 1993. Big Bend National Park: 1992 gaseous pollutant and meteorological monitoring annual data summary. Denver (CO): United States Department of the Interior, National Park Service. Technical report NPS/NRAQD/NRTR-93/127 and NPS D-157. 184 p. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 157.
1903. WETMORE CM. 1980. Lichens and air quality in Big Bend National Park, Texas [black and white photos]. 24 p. Located at: Big Bend National Park.
1904. WETMORE CM. 1981. Lichens and air quality in Big Bend National Park, Texas. *Bryologist* 84(3):426-33.
1905. YARBOROUGH KA, MOYERS JL. 1986. Air quality and the Chihuahuan Desert: visibility and deposition chemistry relationships at Big Bend National Park, Texas. In: Barlow JC, Powell AM, Timmermann BN, editors. Invited papers from the 2nd Symposium on Resources of the Chihuahuan Desert Region, United States and Mexico; 1983 Oct 20-21; Sul Ross State University. Alpine (TX): Chihuahuan Desert Research Institute. p 90-118.

P. Bibliographies and Directories

1906. [ANONYMOUS]. 1980-. Geobase [computer file]. Norwich, Eng.: Geo Abstracts Ltd. Available from: Knight-Ridder Information, Inc. file 292, or on CD Rom from SilverPlatter Information, Inc.
1907. AMERICAN GEOLOGICAL INSTITUTE. 1979-. GeoRef [data file]. Alexandria (VA): American Geological Institute. Available from: SilverPlatter Information, Inc.
1908. AMERICAN WATER WORKS ASSOCIATION. 1971-. Waternet [data file]. Denver (CO): American Water Works Association. Available from: Knight-Ridder Information, Inc. file 245.
1909. BISSONETTE JA, AULT JW III. 1985. Big Bend National Park Biosphere Reserve: a history of scientific study. Orono (ME): University of Maine, Cooperative Wildlife Research Unit. (U.S. Man and the Biosphere report: 10) 2 v in 3. Available from: NPS Denver Service Center, Technical Information Center (TIC) nr 155D/D 100.
1910. BISSONETTE JA, AULT JW III. 1985. Bibliography, summary, and recommendations for scientific research at Big Bend National Park Biosphere Reserve, Texas. Orono (ME): University of Maine, Cooperative Wildlife Research Unit. 6 p.
1911. CAMPBELL G, DAVIS B, DRINKWIN J, HUBBELL S, KONOPKA D, MENDELMAN E, PIÑERO C, RODDEN P, ROGERS A, ROGERS G. 1995. Volunteer environmental monitoring in Texas: 1995 Texas Watch report. [Austin (TX): Texas Natural Resource Conservation Commission. 223 p.
1912. CORTESE TJ, GROSHEK BA. 1987. Selected research publication series of the U.S. Fish and Wildlife Service, 1889-1985. Washington: U.S. Fish and Wildlife Service. (Resource publication (U.S. Fish and Wildlife Service): 159) 163 p.
1913. CORTESE TJ, OPLER PA, KEMP HT. 1987. Indexes to selected research publication series of the U.S. Fish and Wildlife Service, 1889-1985. [Washington]: U.S. Fish and Wildlife Service. (Resource publication (U.S. Fish and Wildlife Service): 159) 45 p.
1914. EIFERT I. [1977]. Bibliographies of Guadalupe Mountains National Park. 64 p. Located at: Guadalupe Mountains National Park.
1915. FRIEBELE CD, WOLFF HA. 1976. Annotated bibliography of Texas water resources reports of the Texas Water Development Board and United States Geological Survey through August 1974. Austin (TX): Texas Water Development Board. (Report (Texas Water Development Board): 199) 156 p.
1916. HOCKADAY DL, ROBINSON GC, SALAIZ C. 1995. An annotated bibliography of the water-related resources of the Lower Rio Grande Valley [electronic format: EndNote Plus, DOS, MAC, WordPerfect 5.1]. In: Texas General Land Office. Rio Grande Coastal Impact Monitoring Program: final project report. [Austin (TX)]: [Texas General Land Office]. Addendum.
1917. HUTCHISON PD. 1977. Guadalupe Mountains National Park: bibliography. [place unknown]: [publisher unknown]. 13 p.
1918. INGLIS JM. 1960. Effects of brush control on wildlife in the Rio Grande plains: literature review. Texas Parks and Wildlife Dept. Tex. W-084-R-01/Job 01. 25 p. Available from: Fish and Wildlife Reference Service; MIN nr 426882033.
1919. JUDD FW. 1994. Report of literature review on discharges from the Rio Grande and Arroyo Colorado and their impacts. [place unknown]: University of Texas-Pan American Coastal Studies Laboratory.
1920. KEMP RJ, GHOLSON KW. 1970. Catfish, flathead (*Pylodictus olivaris*) bibliography. Texas Parks and Wildlife Dept. 6 p. Available from: Fish and Wildlife Reference Service; MIN nr 427940051.
1921. MCKONE PD, RAKESTRAW DL, DAVIS JD, DRONEN NO, GRANT WE, OUBARI D, SILVY NJ, SLACK KM, SLACK RD, SPEEGLE DJ. 1989. A review of the technical and semi-technical literature regarding responses of nongame wildlife species to habitat management/ manipulation practices applicable in Texas. Austin (TX): Texas Parks and Wildlife Dept., Nongame Resources Program. Contract nr 379-0476. (PWD report: 7100-185) 178 p.
1922. MENARD JA. 1995. Bibliography of the Edwards Aquifer, Texas, through 1993. Austin (TX): U.S. Geological Survey. (U.S. Geological Survey open-file report: 95-336) 75 p. Available from: U.S.

- Geological Survey, Information Services, Open File Reports.
1923. PETTITT JM, DUTTON RH. 1977. Limnological theses and dissertations concerning Texas waters, 1897-1976. *Tex. J. Sci.* 18(1-4):296-339.
 1924. PULLEN EJ, YANCEY RM and others. [1978 May]. An annotated bibliography of CERC coastal ecology research. Fort Belvoir (VA): U.S. Army Corps of Engineers, Coastal Engineering Research Center. (Miscellaneous report (Coastal Engineering Research Center): MR78-2) 20 p. Available from: National Technical Information Service (NTIS).
 1925. RIO GRANDE VALLEY CHAMBER OF COMMERCE. [1993]. Exporters and importers of the Rio Grande valley of Texas and Nuevo León, México. Weslaco (TX): Rio Grande Valley Chamber of Commerce. 24 p.
 1926. RIO GRANDE VALLEY CHAMBER OF COMMERCE. 1993. The Rio Grande valley of Texas and Mexico: maquiladora directory. Weslaco (TX): Rio Grande Valley Chamber of Commerce. 1 v.
 1927. RIO GRANDE VALLEY CHAMBER OF COMMERCE. 1993. The Rio Grande valley of Texas manufacturers' directory. Weslaco (TX): Rio Grande Valley Chamber of Commerce. 103 p.
 1928. SCHMIDT S, editor. 1995. United States-Mexico border environmental directory [Directorio ambiental fronterizo México-Estado Unidos]. 2nd ed. Macías G, managing editor. [El Paso (TX)]: University of Texas at El Paso, Center for Inter-American and Border Studies; [Mexico City]: Universidad Autónoma Metropolitana, Azcapotzalco, Departamento de Diseño Ambiental. 326 p.
 1929. SCUDDAY JF, compiler. 1966. Natural history studies in Trans-Pecos Texas. Volume 1, Herpetology, no. 1 Serpentes. Alpine (TX): Sul Ross State College. 60+ p.
 1930. SMEINS FE, SHAW RB. 1978. Natural vegetation of Texas and adjacent areas, 1675-1975: a bibliography. College Station (TX): Texas A&M University. (Texas Agricultural Experiment Station. Miscellaneous publication: MP-1399) 36 p.
 1931. SUL ROSS STATE UNIVERSITY. 1961. Big Bend bibliography: Texas-Southwest collection [at] Sul Ross State College, March, 1961. Alpine (TX): Sul Ross State University. [35] p.
 1932. SUL ROSS STATE UNIVERSITY, CENTER FOR BIG BEND STUDIES. 1989-. The Journal of Big Bend Studies. Alpine (TX): Sul Ross State University Press.
 1933. SWEPSTON DA, THOMPSON BC. 1986. Texas furbearer bibliography, 1851-1985. Austin (TX): Texas Parks & Wildlife Dept. Federal aid project W-117R. 114 p.
 1934. TEXAS A&M UNIVERSITY, TEXAS AGRICULTURAL EXPERIMENT STATION, TEXAS WATER RESOURCES INSTITUTE. 1988. Texas Water Resources Institute 1988 publications catalog (with updates to 1996). College Station (TX): Texas Water Resources Institute. 36 p. Available from: Texas Water Resources Institute.
 1935. TEXAS CENTER FOR POLICY STUDIES. 1995. Texas environmental almanac. Austin (TX): Texas Center for Policy Studies. 331 p.
 1936. TEXAS GENERAL LAND OFFICE. 1995. Transboundary resource inventory glossary: Spanish-English cartographic, environmental and oil spill terms. Austin (TX): Texas General Land Office. 176 p.
 1937. TEXAS NATURAL RESOURCE CONSERVATION COMMISSION. 1996-. TNRCC publications catalog. Austin (TX): The Commission. 1 v.
 1938. TEXAS WATER DEVELOPMENT BOARD. 1992. Publications catalog of the Texas Water Development Board. Austin (TX): The Board. 408 p.
 1939. U.S. FISH AND WILDLIFE SERVICE. 1993. Publications list. Arlington (VA): U.S. Fish and Wildlife Service, Publications Unit. 40 p. Available from: National Technical Information Service (NTIS).

Author Index

- Ables, Ernest D. 1205, 1207
 Acias, Garcia C. 694
 Adams, Michael S. 201
 Ahr, Wayne M. 1741, 1742
 Akland, G. 1786
 Alaniz, M. A. 203, 1148
 Alberico, M. S. 1302, 1371
 Albores, A. 1687
 Albrecht, L. J. 1615
 Aldous, Shaler E. 786
 Alex, Betty L. 293
 Alex, Thomas C. 180
 Alexander, Richard B. 1491
 Alexander, Robin 1616, 1743
 Alexander, Steve K. 1870
 Allen, C. Philip 812
 Allen, C. R. 344
 Allen, J. A. 1057
 Allen, R. K. 452
 Allen, Therese M. 235, 1358, 1359, 1360
 Allison, T. C. 491
 Almada-Villela, P. C. 497
 Alston, Edward R. 1058
 Altamirano-Perez, R. 1771
 Alvarez, T. 1059
 Amadon, D. 787
 American Association for the Advancement of Science 1572
 American Geological Institute 1907
 American Rivers 1617
 American Society of Range Management 326
 American Water Works Association 1908
 Ammon, W. L. 29
 Amos, Bonnie 30, 31
 Andelt, W. F. 1060
 Anderholm, Scott K. 1673
 Andersen, John M. 1526
 Anderson, A. A. 498
 Anderson, A. E. 1061, 1062, 1063, 1064, 1065
 Anderson, A. W. 1674
 Anderson, B. W. 1409
 Anderson, D. W. 1787
 Anderson, H. Leroy 1320
 Anderson, Robert S. 345, 346, 347
 Anderson, Sydney 1066, 1067
 Anderson, T. E. 1166
 Andreasen, James K. 1744
 Andrews, Freeman L. 1852
 Anthony, Margery S. 181, 182, 183, 184
 Aplin, Graeme 1530
 Applegate, Howard G. 1618, 1619, 1745, 1746, 1747, 1748, 1749, 1750, 1765, 1825, 1884, 1885
 Archer, S. 1361
 Armstrong, B. 788
 Arnett, Ross H., Jr. 348
 Arriaga, L. J. 1675
 Arsuffi, T. L. 1511
 Ashbaugh, Karen M. 453
 Ashe, J. S. 349
 Atkinson, Don Eugene 1068
 Atkinson, E. 499
 Aubry, Francois Xavier 1448
 Auffenberg, W. 666
 Auger, Janene 1276
 Ault, John W. III 1909, 1910
 Aurelius, Lea A. 1751
 Averett, J. 260, 272
 Averett, J. E. 185
 Axtell, Ralph W. 667
 Ayer, M. Y. 493
 B.L. Nelson and Associates 1647
 Bacak-Clements, Patricia 1398
 Baccus, John T. 398, 1069, 1070, 1362
 Bach, S. 1752
 Bahnick, Donald A. 1753
 Bailey, D. K. 294
 Bailey, Vernon 1071, 1327
 Baird, S. F. 500, 501, 502
 Baker, B. 789
 Baker, Ernest T., Jr. 1505, 1506
 Baker, James K. 703
 Baker, R. H. 1072, 1073
 Baker, R. J. 1257
 Baker, Robert J. 702, 1113, 1114, 1161, 1227, 1374, 1412, 1546
 Baker, Roger C. 1507, 1508
 Baker, Rollin H. 331, 1074, 1075, 1076, 1077
 Balin, Lois A. 790
 Ball, John 1676
 Baltosser, W. H. 668, 882
 Bane, Carol A. 454, 459, 1705, 1706
 Barbehenn, K. R. 1839
 Barcenaz, R. T. 213
 Barker, David G. 701
 Barlow, J. C. 791, 792, 793, 794, 795, 796, 873, 1363, 1387, 1603, 1681, 1905
 Barr, D. E. 1677
 Barron, J. C. 820
 Barta, Red 1892
 Bartlett, John Russell 1443

- Bartol, Dominic A. 913
Bassham, C. R. 1361
Batemen, H. A. 857
Bath, Richard C. 1885
Baur, J. R. 296
Bayer, Charles W. 1701
Bean, J. R. 1869, 1875
Beardmore, Carol 797, 1237
Beasom, S. L. 798, 819, 1267, 1754, 1862
Beaupre, Steven John 669, 670, 671, 672, 673
Bedinger, M. S. 1466, 1509
Bednarz, J. 503
Belisle, A. A. 1764
Belk, D. 455
Bennet, Peter S. 300
Bennett, B. C. 186
Benning, Douglas S. 842
Benson, D. L. 1078
Benson, Lyman David 187
Bequaert, J. C. 332
Beres, Patrick L. 112
Berger, B. L. 1869
Bernal R., F. A. 1560
Berry, J. F. 681
Berry, Richard L. 350
Best, T. L. 799
Bestgen, K. R. 504, 505, 506, 507, 526
Beyer-Muenzel, P. 315
Beyers, D. W. 1755
Biaggi, V., Jr. 800
Bickham, J. W. 1214
Bieber, Ralph P. 1448
Biever, R. C. 1834
Big Bend Natural History Association 674, 801, 1444
Bissonette, John A. 1079, 1080, 1081, 1206, 1284, 1285, 1909, 1910
Black, C. C. 1546
Black, Hal L. 1276
Black & Veatch 1756, 1757, 1758
Blacklock, Gene W. 969, 970
Blackman, John N. 1082
Blackwell Environmental Inc. 1759
Blair, W. F. 1083, 1084, 1085, 1086, 1364
Blake, Tupper A. 2, 1445
Blanchard, Andre 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 376
Blankenship, L. H. 1856
Blankinship, D. R. 802, 803, 828
Blaylock, James E. 1620
Blus, L. J. 1760
Boer, William J. 1087, 1088, 1402, 1416
Bogan, M. A. 1376
Bogusch, E. R. 295
Bohl, W. H. 1089
Boke, N. H. 188
Boldt, David 1562
Boldt, Paul E. 369, 370
Bolen, E. G. 837, 1399
Bone, Timothy L. 1510
Bones, Jim 1446
Booker, T. A. 1090
Border Working Group 1621
Borell, Adrey E. 804, 1091
Borja, G. 100
Bovey, R. W. 296
Bowles, D. E. 456, 457, 484, 1511
Bowles, William F., Jr. 805, 1678
Bowman, D. B. 659
Bowman, J. A. 3, 1622
Box, T. W. 54, 312, 313, 314, 518, 1365, 1366, 1367
Boydston, C. P. 806
Brack, Steven 209, 210, 211
Bragg, Thomas B. 97
Brand, Donald D. 1512
Brandt, Herbert W. 807, 808
Brandvold, D. K. 1842
Brandvold, L. A. 1842
Braun, Clait E. 1092, 1242, 1266
Bray, M. 725
Bray, William L. 32
Breckenridge, F. G. 189
Bremer, John E. 1761
Breuer, J. P. 4, 1420, 1421, 1648
Brisbin, Georgia 809
Bristol, J. R. 1130
Britton, M. C. 1252
Broderick, Harold J. 584
Brodrick, Harold J. 810, 811, 812
Bromaghin, Jeffrey F. 1321
Brooks, J. E. 659
Brown, B. A. 1191
Brown, Bennett A. 1192
Brown, Bryce C. 675
Brown, Carl G. 1093
Brown, Dave E. 33, 34
Brown, G. W. 1065, 1094
Brown, James Frank 1679
Brown, K. W. 1467, 1468
Brown, Kirby L. 106
Brown, R. D. 1093
Brown, Ted L. 676, 677, 690
Brown, W. H. 568
Brown, Wendy M. 842
Brownlee, Sam 1095, 1096, 1097, 1098, 1510
Brownlee, W. C. 813, 814, 829, 1099, 1100
Bruch, T. 977
Brumbaugh, W. G. 1827, 1830, 1847

- Brune, Gunnar M. 1513, 1514
 Brush, T. 830
 Brush, Tim 815, 816
 Bryan, Cantrell E. 1328
 Bryan, Kelly 817, 1055
 Bryan, Kelly B. 1101
 Bryant, Fred C. 1492
 Bryant, Kelly J. 1761
 Bryant, Monroe D. 1091, 1102
 Bryant, Vaughn M. 35
 Buchanan, T. M. 650
 Buchmann, S. 1385
 Buckley, P.E. 36
 Bueno, R., Jr. 1846
 Bullard, Thomas F. 1515
 Buller, R. E. 37
 Bumguardner, B. W. 515
 Bunck, C. M. 1843
 Bunting, Stephen C. 1368
 Burdick, G. T. 781
 Burgess, Tony L. 38
 Burke, Horace R. 216
 Burkett, D. W. 1400
 Burkett, S. N., Jr. 1760
 Burleigh, Thomas D. 818
 Burns, James E. 1762
 Burr, B. M. 510
 Burr, Brooks M. 508, 509
 Bury, R. Bruce 763
 Bush, J. K. 276, 297
 Buskey, E. J. 1422, 1439
 Buszka, Paul M. 1506
 Buth, D. G. 510
 Butterwick, K. M. 39
 Butterworth, B. 1753, 1824
 Buzan, David L. 1680
 Cade, T. J. 1787, 1800
 Cain, John R. 819
 Caire, William 1150
 Calnan, T. R. 1566
 Campbell, C. J. 40
 Campbell, Gayla 1911
 Campbell, Mary Lou 1616
 Campo, J. J. 820
 Campos-Gonzalez, E. 458
 Canaris, A. G. 985, 1130
 Canseco, Gloria 1342
 Cantu, A. 821
 Cantu, R. 1773
 Cantu, Roxie 7, 1772
 Cantu, Ruben 1510
 Carias, Marisol 1681
 Carr, J. T., Jr. 1469
 Carranza, Christine 1681
 Carrico, James W. 1103
 Carson, Butch 1104
 Carter, Lisa F. 1529
 Carter, W. T. 1470
 Cartwright, B. 1471
 Casey, Clifford B. 1447
 Castillo, Jose 190
 Casto, S. D. 822
 Castro, A. 1252
 Cate, James R. 216
 Cather, Steven M. 1524
 Cavazos, D. 732
 Cazares, Efren 190
 Cebrian, M. E. 1687
 Cech, Irina 5, 1682, 1683
 Chambers, C. 1471
 Chamrad, A. D. 54, 1105
 Chaney, A. H. 734, 1570, 1649
 Chapman, Brian R. 823
 Chapman, J. A. 1106
 Chavez-Ramirez, F. 824, 825
 Cheatham, Scooter 41
 Cheatum, E. P. 406
 Chernoff, B. 511
 Chesser, Kevin C. 1516
 Chihuahuan Desert Research Institute 877, 1809
 Childress, U. R. 1763
 Childs, Michael R. 512
 Ciborowski, Jan H. H. 472
 Ciomperlik, Matthew Albert 513
 Clapp, Roger 925
 Clark, D. R. 1778
 Clark, D. R., Jr. 1764
 Clark, T. L. 826, 827, 828, 829
 Clark, Wayne E. 371, 372
 Classen, N. W. 1698
 Clayton, Philip W. 191
 Clifford, Roy A. 1623
 Clover, Elzada U. 42
 Clutfelder, E. D. 830
 Coastal Bend Regional Planning Commission
 1684
 Cockrum, Amil Blake, Jr. 1517
 Cofer, J. 1752
 Cohn, C. C. 779
 Cokendolpher, J. 514
 Cole, Gerald A. 459
 Collins, K. 43
 Colura, R. L. 515
 Comrie, Andrew C. 1886
 Conant, R. 678, 679, 680, 681
 Cone, Wayne B. 1602
 Conklin, A. 1131
 Conley, M. R. 1369
 Conley, W. 1369
 Conner, Molly Dea 44

- Connor, Jeff 1107, 1149
Consejo Nacional de Ciencia y Tecnologia
(Mexico) 1572
Contreras-Balderas, A. J. 831
Contreras-Balderas, S. 458, 626, 642
Contreras-Balderas, Salvador 9, 516, 517, 518,
519, 520, 521, 522, 523, 524, 525, 529, 536,
631, 660
Contreras-Ramos, A. 460
Contreras, Salvador 1818
Converse, Hugh 1426
Conway, M. C. 1331
Cook, Joseph A. 526
Cook, Orator Fuller 45
Cook, R. L. 1182
Cooke, C. R., Jr. 1650
Cooke, D. C. 157
Cooke, Jerry L. 832, 833, 1108, 1109, 1110,
1111, 1261
Cooke, Philip S. G. 1448
Cordes, J. E. 779
Corkum, Lynda D. 472
Cornelius, S. E. 834
Cornely, John E. 1112, 1113, 1114
Corona, J. C. 1687
Corral, Rafael D. 1396
Correll, Donovan Stewart 46
Cortese, Thomas J. 1912, 1913
Cory, V. L. 1470
Cottle, H. J. 47
Coulter, John M. 48
Crawford, C. S. 373, 374, 403, 450, 1411
Crawford, Richard P. 1177
Creasey, Michael 1342
Critendon, B. R. 1555
Cromartie, Eugene 1794
Crosby, M. S. 874
Crossin, Richard S. 883
Crossley, D. A., Jr. 399
Crosswhite, F. S. 49
Crowder, R. L. 1115
Crowell, Ricky 401
Cruickshank, Allan D. 835
Cruz, D. 1000
Culbertson, K. 1116
Culley, Dudley D. 1765
Culley, Dudley D., Jr. 1750
Cummins, George B. 192, 193
Cummins, Kenneth W. 473
Curtis, David A. 1625
Custer, T. W. 947, 948, 1832
Custer, Thomas W. 1766, 1767, 1768, 1769,
1770
Cutak, L. 194
Dahl, B. E. 1105
Dale, O. C. 1507, 1508
Dale, Oscar C. 1518, 1519
Dall, William H. 333
Dalrymple, T. 1651
Daniel, J. Frank 1091
Danka, R. G. 375
Davies, Christopher Shane 1628
Davila, G. H. 1887, 1888, 1889
Davin, Michael J. 1247
Davis, Anna M. 195, 1771
Davis, Beth 1911
Davis, C. E. 832, 833, 1117
Davis, Donald G. 196, 1044
Davis, Irby 836
Davis, J. D. 1921
Davis, Jack R. 6, 7, 461, 462, 463, 464, 471,
476, 478, 491, 527, 528, 1401, 1520, 1521,
1685, 1686, 1701, 1772, 1773, 1819
Davis, M. R. 203
Davis, R. B. 1118, 1119, 1472
Davis, Walter B. 1347
Davis, Wayne S. 1701
Davis, William B. 682, 1120, 1121, 1122, 1123,
1124, 1125, 1126, 1329
Dawson, D. K. 1376
Day, Harold R. 1804
Deacon, James E. 529, 623, 660
Deal, D. 1522, 1523
deBuen, F. 530
Degenhardt, Paula B. 691
Degenhardt, William G. 683, 684, 685, 686,
687, 688, 689, 690, 691, 692
Del Razo, L. M. 1687
Delnicki, D. 837
Demarais, S. 1259
DeMichele, D. W. 1467, 1468
Dennis, J. V. 838
Denyes, H. Arliss 1370
Derrick, Michele R. 1890
Desert Botanical Garden 197
DeVries, Richard N. 1688
DeWeese, L. R. 1774
DeYoe, H. R. 1423
DeYoung, C. A. 806
Diamond, David D. 8, 50, 1606
Diaz, Antonio 1652
Dibble, David S. 1449
Dick, Michael 1775
Dick-Peddie, W. A. 40, 176
Dick-Peddie, William A. 1371
Dickerson, Patricia Wood 1524
Dillon, D. D. 868
Dinges, W. R. 1127, 1193
Ditto, Larry 1342
Ditton, Robert B. 1402, 1414, 1415, 1416

- Divine, G. 570
 Dixon, J. R. 770
 Dixon, James R. 682
 Dixon, Keith L. 839, 840, 841, 1128
 Doan-Crider, Diana L. 1129
 Dodd, J. D. 36
 Dodd, S. D. 1372
 Dodgen, H. D. 1339
 Dokken, Q. R. 1860
 Dolman, Bill 1342
 Dominguez, P. 1005
 Donald G. Rauschuber & Assoc. 1629
 Donaldson, W. 693
 Donohue, Gladys Schumacher 51, 198, 298, 1450
 Dooley, T. J. 1130
 Doran, P. D. 17, 1434
 Dougherty, John P. 1525
 Douglass, Carole 1624
 Drawe, D. L. 52, 53, 1105, 1366
 Drawe, D. Lynn 54, 58, 1105
 Dressman, R. C. 1828
 Drew, Linda G. 299, 325
 Drewien, Roderick C. 842
 Drinkwin, Joan 1911
 Dronen, N. O. 1921
 Drummond, H. 694
 Duke, T. W. 1817
 Dumas, Gerald A. 1776, 1808
 Dunham, A. E. 712
 Dunham, Arthur E. 673, 695, 696, 697, 698, 717, 718, 758
 Dupuy, Alton J. 1689
 Durall, Roger 1567
 Durham, G. P. 55
 Durocher, P. 820
 Duszynski, D. W. 1256
 Duszynski, Donald W. 1181
 Dutton, R. H. 1923
 Dziuk, L. J. 1777
 Eads, R. B. 1131
 Earhart, J. 1690
 Easterla, David A. 405, 448, 690, 699, 700, 843, 844, 913, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1317
 Eaton, David J. 1526, 1527
 Echelle, A. A. 531, 532, 533, 534, 535, 569, 658, 659
 Echelle, A. F. 531, 532, 534, 535, 570
 Ecker, Liz 199
 Edds, D. R. 532, 535
 Edelson, J. V. 1471
 Edwards, Cas 1141
 Edwards, R. J. 498, 549, 571, 576, 577, 632, 659
 Edwards, Robert J. 9, 536, 537, 538, 539, 540, 1403
 Eibenschutz, Juan 1528
 Eichelberger, J. W. 1828
 Eickmeier, William G. 56, 57, 200, 201, 206
 Eifert, Imre 1914
 Eifrig, C. W. G. 845
 Eitniece, J. C. 846
 Ellis, L. M. 850
 Ellis, Sherman R. 1529
 Ellisor, J. E. 1142, 1143, 1144, 1145
 Ellisor, John E. 1146
 Emory, W. H. 1552
 Emory, William Hemsley 1451
 Anderson, J. H. 1787, 1800
 Anderson, James H. 847
 Engel-Wilson, Ronald W. 1404, 1405
 Engelmann, George 202
 Engeman, Richard M. 1320, 1321
 Engstrom, M. D. 1213, 1214
 Engstrom, Mark D. 1273
 Enkerlin, E. C. 824
 Erskine, Midge 848
 Escobar, D. E. 203
 Espey, Pansy 849
 Essman, A. 1683
 Essman, Amelia 5, 1682
 Estepp, John D. 1516
 Estrada, A. 1473
 Etheredge, O. F. 1147
 Evans, P. K. 1392
 Everett, D. D. 1299, 1300
 Everett, Daniel D. 1300
 Everitt, Benjamin 1530, 1531
 Everitt, J. H. 1424, 1427
 Everitt, James H. 58, 59, 203, 305, 1148
 Evermann, B. W. 591
 Evermann, Barton W. 541
 Fain, A. 448
 Falxa, Gary A. 914
 Fanning, C. D. 1474
 Farley, G. H. 850
 Farmer, M. 851, 852
 Farmer, Mike 1330
 Farrald, C. 60
 Farris, G. S. 17, 1434
 Feeley, Brooke 1107, 1149
 Fenn, Lloyd B. 1709
 Ferguson, Douglas C. 376
 Ferguson, R. Scot 1260
 Finch, Deborah M. 1417
 Findley, J. S. 1152, 1153, 1154
 Findley, James S. 1150, 1151
 Finley, Mack T. 1794
 Fipps, G. 1475, 1476

- Fischer, D. H. 853, 854, 855
Fisher, L. W. 1155
Fisher, Richard D. 10, 1571
Fleet, R. R. 1778
Fleetwood, Raymond J. 61
Fleetwood, S. C. 1000
Fleming, Carl Mike 300, 573, 856, 1156
Fleming, Kay M. 1157
Flickinger, E. L. 903, 1764, 1821
Flickinger, Edward L. 857, 1779, 1780, 1781, 1782, 1783, 1784, 1785
Flint, O. S., Jr. 457
Flint, R. W. 1817
Flitters, N. E. 1532
Flood, N. J. 858
Flores, Miguel I. 1895, 1896
Flores, R. H. 971, 1862
Flury, A. G. 542, 720
Follett, C. R. 1533, 1534
Follett, W. W. 1477, 1478
Foran, C. M. 543
Ford, A. L. 327
Fore, Paul L. 1437
Foscue, Edwin J. 62, 1452, 1479, 1480
Foster, William J. 63
Fox, Robert P. 859
Francis, E. Z. 1786
Francke, Oscar F. 423
Franclemont, John G. 359, 360
Freeman, C. Edward 141
Freeman, Hugh A. 377, 378, 379
French, J. D. 1418
Friebele, Charlotte D. 1915
Friedman, J. M. 320
Friedmann, H. 860, 861, 946
Fritz, K. J. 665
Fritz, R. L. 942
Fruh, E. Gus 1429, 1703
Frye, O. Earl 1158
Frye R. G. 1015
Frye, Roy G. 106, 1625
Fuchs, T. W. 380
Fuertes, Louis Agassiz 862
Fugate, R. 863
Fyfe, R. W. 1787
Galen, Donald F. 1373
Gallagher, Daniel S., Jr. 1788
Galley, John E. 864
Gallucci, Tony 865
Galtsoff, Paul S. 136
Galvin, John 64
Gamble, K. E. 866
Gamble, L. R. 1845
Gamble, Lawrence R. 1789, 1790, 1844
Ganem-Musi, Eduardo 1691
Ganster, Paul 292
Garcia, Jesus 190
Garcia-Vargas, G. 1687
Gardner, James Linton 301
Garman, S. 494
Garrett, G. P. 469, 537, 571, 572, 576, 577, 665
Garrett, Gary P. 544, 545, 546, 547, 548, 549, 550, 1626
Garrett, Judith M. 701
Gaumer, Grant C. 381
Gauthreaux, S. A., Jr. 901
Gaytan, T. V. 525
Gehlbach, F. R. 1078
Gehlbach, Frederick R. 11, 65, 66, 67, 68, 702, 703, 704, 705, 706, 707, 867, 868, 1159, 1453, 1572
Geissler, P. H. 1376
Gennaro, A. L. 1160
Genoways, Hugh H. 702, 1113, 1114, 1161, 1227, 1374, 1412, 1546
Geological Survey (U.S.) 1692, 1693
Geological Survey (U.S.). Water Resources Division 1694, 1695
George, R. R. 1855
George, William O. 1519
Gerard, C. J. 1467, 1468
Gertsch, W. J. 382
Gholson, K. W. 551, 552, 553, 1920
Giesler, S. 1664
Gilbert, C. R. 511, 657
Gilbert, Carter R. 621
Giller, D. R. 986
Gillilan, David M. 1632
Gilpin, Laura 1454
Gingerich, Willard P. 1891
Girard, C. 500, 501, 502
Girard, Charles F. 554
Gise, Jim 1892
Glidewell, J. 708
Glinski, Richard L. 882, 884, 898
Gloyd, Howard Kay 709
Gloyd, Leonora K. 465
Goetze, J. R. 1325
Goin, C. J. 756
Goldman, B. J. 176
Goldman, E. A. 1162, 1375
Goldman, Edward A. 1455
Gomes, E. D. 1833
Gonzales, C. L. 1148
Gonzalez, Domingo 1616
Gonzalez, Juan H. 1791
Gonzalez, M. H. 37
Gonzalez, Norma E. 831
Goodin, J. R. 138
Goodwyn, Frank, Jr. 1163

- Gordon, R. 704
 Gordon, Sidney P. 1164
 Gore, H. G. 869
 Gorena, Roberto L. 870
 Gould, Frank W. 69, 204
 Grace, Kevin 1243
 Graefe, Alan R. 1402, 1416
 Graf, William L. 1792
 Graham, Frank, Jr. 1573
 Grant, Bruce W. 710, 711, 712
 Grant, W. E. 1921
 Gray, Asa 137
 Great Plains Agricultural Council,
 Wildlife Resources Committee 971, 1862
 Green, A. W. 205
 Green, Chris 1893
 Green, Timothy M. 466
 Greenhouse, R. 111
 Griffin, Brete G. 793, 871, 872, 873
 Grimes, J. E. 1131
 Griscom, L. 860, 874, 946
 Griswold, Terry L. 383
 Groothusen, Rhonda M. 1627, 1646
 Groshek, Barbara A. 1912
 Grosmaire, Eric K. 713
 Gross, J. E. 1165
 Grozier, R. U. 1535
 Grzybowski, Joe 925
 Grzybowski, Joseph A. 875
 Guajardo Quiroga, Ramon 1636
 Gum, Steve 214
 Gurney, A. B. 481
 Guthery, F. S. 1166, 1180, 1399
 Gutreuter, S. 820
 Hafner, D. J. 1167
 Hahl, D. C. 1535
 Haight, Lois T. 897
 Hailey, T. L. 1262, 1314
 Hailey, Tommy L. 1168, 1169, 1170, 1171,
 1172, 1173, 1174, 1289
 Hale, B. S. 952
 Hall, E. Raymond 1091
 Hallerud, Noel 1681
 Hamilton, Rodgers D. 714
 Hammond, G. P. 1456
 Hanselka, C. Wayne 1749, 1793
 Hanselka, Wayne 1750
 Harding, J. A. 380
 Harper, R. M. 70
 Harrell, Byron E. 976
 Harrell, H. L. 555, 868
 Harrington, F. A. 1175
 Harris, A. H. 1154
 Harris, John T. 1194
 Harris, R. R. 1406
 Harrison, William F. 990
 Harten, James B. 206
 Hartz, T. K. 1481
 Harwell, Fielding 1146
 Harwell, Gary 1176
 Harwell, W. F. 1182
 Haseltine, Susan D. 1794
 Hatch, M. D. 556, 1331
 Hatch, Michael D. 652
 Hatch, Stephan L. 71
 Hatcher, R. L. 1795
 Hatfield, Jeff 797
 Havard, V. 72
 Hawksworth, F. G. 294
 Hayes, F. A. 1177
 Hayse, H. 893
 Hayslette, S. E. 876
 Healy, Denis F. 1796
 Heath, R. G. 1876
 Hedgecock, Ashlee Allred 384
 Hedgpeth, J. W. 467, 1425
 Hehnke, M. F. 1413
 Heil, Kenneth D. 207, 208, 209, 210, 211
 Hellgren, E. C. 1267
 Hellgren, Eric C. 1129, 1178, 1179, 1180
 Hendershott, A. J. 212
 Henderson, Croswell 1797, 1798, 1799, 1813
 Henderson, G. G., Jr. 557, 558
 Henderson, Ted E. 1536
 Hendricks, F. S. 595
 Hendrickson, B. H. 1466
 Hendrickson, D. A. 548, 559, 584, 659
 Hendrickson, Dean A. 660
 Henny, C. J. 1800, 1801, 1802
 Henrickson, James 73
 Henry, Ann L. 1803
 Henry, B. C., Jr. 468
 Henry, Christopher D. 1523, 1537, 1538, 1539
 Hensler, G. L. 1774
 Hernandez, E. 37
 Hernandez, H. M. 213
 Hernandez, John W. 1696, 1697
 Herrera, H. 1698
 Hertel, L. 1256
 Hidalgo, Richard J. 1177
 Higgins, S. M. 321
 Hildebrand, H. H. 1821
 Hildum, S. J. 863
 Hill, E. F. 1855
 Hill, Gwen 214
 Hill, K. Burnell 877
 Hill, Todd P. 1181
 Hilsenbeck, R. A. 120, 264, 266
 Hinckley, L. C. 74
 Hinesley, L. L. 1302

- Hipp, B. W. 1467, 1468
 Hitch, Robert K. 1804
 Hitchcock, Mark 878
 Hitchcock, Mark A. 910
 Hobbs, J. 1862
 Hobson, M. D. 1111
 Hobson, Mike 1182
 Hock, R. J. 1183
 Hockaday, D. L. 727
 Hockaday, Don L. 1916
 Hocutt, Charles H. 22, 621, 648
 Hoddenbach, Gerard A. 560, 573
 Hodge, Larry D. 1805
 Hodgson, W. 111
 Hodgson, Wendy J. 199, 215
 Hoff, C. Clayton 168
 Hogan, Kelly M. 879, 1806
 Hollander, Andrew 780
 Hollander, R. H. 1387
 Hollander, R. R. 1185
 Hollander, Robert R. 1184
 Holman, J. A. 705
 Holmes, K. E. 1186
 Holmes, William M. 75
 Holt, Harold R. 908
 Holtz, S. T. 1372
 Holz, Robert K. 1628
 Holzenthal, R. W. 457
 Homerstad, Gary 1016
 Hood, R. E. 1187, 1191
 Hood, Ronald E. 1192
 Hook, Allan W. 385, 386, 387
 Hooper, E. T. 1188
 Hopkins, Janie 1699, 1700
 Hopkins, S. W. 1000
 Horgan, Paul 1457
 Horizon Environmental Services 1629
 Hornig, C. Evan 1701
 Hothem, R. L. 1764
 Houston, James G. 1807, 1808
 Hovore, Frank T. 388
 Howard, E. B. 1540
 Howden, Henry F. 389, 390
 Howe, M. A. 1376
 Howell, Donna J. 1189, 1190
 Howells, Robert G. 469, 1630, 1631
 Howland, Jeffrey M. 715, 716
 Hubbard, John P. 668, 880, 881, 882, 883, 884, 1067, 1331
 Hubbell, Steven 1911
 Hubbs, C. 498, 537, 585, 615, 665
 Hubbs, Carl L. 582, 583, 584, 585, 586, 608
 Hubbs, Clark 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 661
 Huey, Raymond B. 717, 718
 Hughes, Barry Glen 1407, 1408
 Hulme, A. E. 1535
 Hulse, C. S. 1800
 Humphrey, Robert R. 12, 76
 Hundertmark, C. A. 885
 Hunt, W. G. 976
 Hunt, W. Grainger 886, 887, 888, 889, 890, 891, 892, 896, 1048, 1809, 1810, 1811
 Hunter, W. C. 1409
 Hurlbut, David 1527
 Huser, Sandra L. 920
 Hutchison, Paul D. 1917
 Huysman, Amy Plummer 1812
 Ibarra-Diaz, Gregorio E. 372
 Ideker, J. 59, 77, 302
 Ikenga, Julius O. 334
 Inglis, A. 1799
 Inglis, Anthony 1797, 1798, 1813
 Inglis, J. M. 1187, 1234, 1856
 Inglis, Jack M. 78, 1191, 1192, 1918
 Ingram, Helen M. 1632
 International Boundary and Water Commission, United States & Mexico 1332, 1541, 1542, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660
 International Boundary and Water Commission, United States & Mexico. United States Section 1661, 1662, 1663
 Ireland, Burdge 1533, 1534
 Irwin, Roy J. 1814
 Ischinger, L. S. 320
 Ischinger, Lee S. 592
 Issacs, Dean 1474
 J. Angel de la Cruz, C. 100
 J. Frank McCormick 1415
 Jackson, A. W. 1127, 1193, 1314
 Jackson, Gerry 1789
 Jackson, Gerry A. 1740
 Jacob, James S. 719
 Jacobs, J. L. 1501, 1502
 Jacobs, Jerry L. 1482
 Jahn, Frank C. 735
 Jahrsdoerfer, Sonja E. 1377
 James, D. 1049
 James, P. 893
 James, Wesley P. 1664
 Jameson, D. L. 720
 Jameson, John R. 13, 1574
 Janca, I. G. 1469
 Jarman, W. M. 1787
 Jarman, Walter M. 1811
 Jauregui O., Ernesto 1894
 Jenkins, Robert E. 621
 Jennings, William S. 1194

- Jensen, B. L. 574
 Jester, Douglas B. 587
 Jimenez Guzman, M. A. A. 1195
 Johnson, Ada Suzanne 1815
 Johnson, Brenda S. 890, 894, 895, 896, 1048, 1809, 1810, 1811
 Johnson, D. B. 1862
 Johnson, J. E. 588
 Johnson, James E. 575, 660
 Johnson, Maynard S. 1333
 Johnson, R. M. 734
 Johnson, R. R. 794, 795
 Johnson, R. Roy 26, 300, 582, 897, 1088, 1405, 1410, 1419
 Johnson, T. H. 898
 Johnson, W. E. 337
 Johnson, W. L. 1799
 Johnson, Wendell L. 1797, 1798, 1813
 Johnston, Charles R. 14, 1633
 Johnston, I. M. 79
 Johnston, L., Jr. 80
 Johnston, Marshall C. 41, 81, 82, 83, 84, 85
 Johnston, Marshall Conring 46
 Jones, C. 1152, 1153, 1185, 1196, 1198, 1200, 1227, 1324, 1325, 1326
 Jones, C. J. 1151, 1154
 Jones, Dale A. 26, 582, 1088, 1410, 1419
 Jones, Gretchen D. 217
 Jones, J. K., Jr. 1185, 1197, 1198, 1199, 1200
 Jones, J. Knox, Jr. 1073
 Jones, Lonnie L. 1620
 Jones, Robert H. 470
 Jones, Robert W. 216
 Jones, Stanley D. 217
 Jones, Z. 847
 Jordan, David S. 589, 590, 591
 Jordan, J. B. 704
 Joseph, David B. 1895, 1896
 Joss, P. J. 99
 Journet, Alan 86, 214, 321
 Judd, F. W. 95, 96, 97, 98, 306, 307, 308, 499, 732, 762, 763, 764, 765, 771, 1424
 Judd, Frank W. 87, 88, 305, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 1201, 1426, 1427, 1428, 1816, 1919
 Judy, Robert D., Jr. 592
 Kaiser, T. E. 1879
 Kalke, R. D. 1817
 Kaltofen, Marco 15, 1634
 Kane, A. H. 971, 1862
 Kane, D. A. 1827, 1830
 Karl, T. R. 1369
 Keddy-Hector, Dean P. 899, 900
 Keeney, Tony 218, 219
 Keller, G. Randy 1524
 Kelley, N. 1543
 Kelly, Mary 1652, 1667, 1893
 Kelly, Mary E. 1665, 1818
 Kelsch, Steven W. 593, 594, 595
 Kemp, Homer T. 1913
 Kemp, R. 1920
 Kendall, Roy O. 391, 392, 393
 Kendall, William C. 541
 Kennedy, H. D. 1880
 Kennedy, Kathryn 220, 221, 303
 Kennedy, S. E. 596, 706, 868
 Kerlinger, P. 901
 Key, Laura J. 902
 Khan, A. A. 1819
 Kie, J. G. 1105
 Kier, Robert S. 1429
 Kiff, L. F. 1787, 1820
 Kilambi, R. V. 779
 Kimble, R. S. 1566
 Kincaid, Edgar B., Jr. 961
 Kindinger, M. E. 1860
 King, K. 732
 King, K. A. 903, 1780, 1781, 1821, 1822, 1823, 1877
 King, Philip B. 1544
 Kirby, Harold 1091
 Kirkpatrick, Jeffrey S. 1702
 Kittams, Walter H. 157, 158
 Kleinsasser, L. J. 1773
 Kleinsasser, Leroy, J. 7, 1772
 Kleinsasser, Roy J. 1701
 Klusmann, Wallace G. 89
 Knapp, F. T. 597
 Knowlton, Clark S. 1536
 Knudson, Edward C. 361, 362, 363, 364, 365, 366, 367, 368, 376
 Knull, Josef N. 394, 395, 396, 397
 Kobetich, Gail 529
 Kodric-Brown, A. 598
 Koehn, R. K. 624
 Koerth, N. 971
 Kolbe, E. J. 1784, 1834, 1881
 Kolle, D. O. 283
 Konopka, Dena 1911
 Koster, W. J. 599
 Kottlowski, Frank Edward 1545
 Kozma, Jeffrey M. 904
 Krausman, Paul R. 92, 1202, 1203, 1204, 1205, 1206, 1207, 1217, 1218, 1219, 1220, 1221, 1378
 Kruckeberg, A. R. 222
 Krynitsky, A. J. 1783, 1877, 1880
 Krynitsky, Alexander J. 1878
 Kuban, Joseph F. 223, 905, 906, 907
 Kuban, Joseph Frank, Jr. 224

- Kucera, Thomas E. 1208, 1209
Kuehl, D. W. 1753
Kuehl, Douglas W. 1824
Kunzmann, Michael R. 300
Kurz, Donald R. 225
LaBounty, J. E. 600
Lacewell, Ronald D. 1761
Lackey, J. 226
Lahser, C. 1825
Lamb, Samuel H. 304
Lambert, Walter P. 1703
Lamont, T. G. 1760, 1785
Landye, J. J. 659
Lane, James A. 908
Laney, Nancy K. 1632
Lang, Edward M. 1210
Langer, William H. 1509
Lanning, D. V. 1319
Lanning, Dirk V. 909, 910, 911, 912
LaRoe, Edward T. 17, 1434
Larrabee, J. 847
Lasley, George W. 913
Latigo, G. V. 1148
Lauff, G. H. 1425
LaVal, R. K. 1211
Law, James P., Jr. 1483
Lawson, Peter W. 911, 914
Lay, Daniel W. 1158
Lea, I. 335
LeCount, Albert L. 1212
Lee, C. M. 1826
Lee, David S. 621
Lee, P. L. 1215
Lee, T. E., Jr. 1213, 1214, 1215
Legler, John M. 733
Lehmann, V. W. 1166
Lehmann, Val W. 915, 916, 917, 918, 919
Lehmberg, Verne 1676
Leithead, H. L. 90
Leleux, J. 1822
Leopold, Aldo S. 91, 495
Leopold, Bruce David 92, 1216, 1217, 1218, 1219, 1220, 1221, 1378
Lepisto C. 847
Lerich, Scott 93
LeSassier, Anne 812
Leslie, David M., Jr. 1377
LeSueur, Hardeman D. 94
Leuck, Edwin E. II 227
Levings, Gary W. 1529
Lewis, E. R. 1827
Lewis, Jeff 797
Lewis, Sanford J. 15, 1634
Leyva, R. 1005
Lichtenberg, J. L. 1828
Lieb, V. E. 1704
Lieurance, F. S. 1411
Ligon, J. David 920, 1045
Linam, Gordon W. 1701
Linam, Lee Ann 8, 1606
Lincer, J. L. 1787
Lind, Owen T. 454, 471, 1412, 1705, 1706
Liner, E.A. 734
Linn, Robert M. 235, 586, 661, 1042, 1114, 1360, 1416
Linskey, C. S. 538
Little, R. G. 601
Littleton, T. G. 1566
Livingston, C. W. 1262
L.L. Rodriguez & Associates 1561
Lloyd, William 1222
Lobello, Rick L. 1223, 1224, 1225, 1334, 1335
Lobpries, D. S. 857
Locknane, D. M. 921
Logan, L. E. 1546
Lonard, R. I. 59, 60, 87, 88, 1426, 1427
Lonard, Robert I. 95, 96, 97, 98, 228, 305, 306, 307, 308
Longbottom, J. E. 1828
Longcore, J. R. 1875
Loomis, Richard B. 398, 399, 735
Lorrain, Dessamae 1449
Lott, Emily J. 229
Low, William Alec 1226
Lowe, David W. 655
Lowe, Peter 1829
Lowe, T. P. 1830
Lower Rio Grande Valley Development Council 1561, 1575
Lower Rio Grande Valley National Wildlife Refuge 1576
Lowerre, Richard 1484, 1485
Lowery, George H., Jr. 818
Lozano-Morales, J. F. 1868
Lozano-Vilano, M. L. 524, 631
Lucchino, Ronald V. 677, 736
Lucht, Donald D. 149
Lucier, T. 576
Ludke, J. L. 1848
Ludke, J. Larry 1849
Ludwig, J. A. 99, 170, 1379
Lugo-Ortiz, C. R. 472
Lynch, P. W. 99
Lynch, T. R. 1842
Lyndon B. Johnson School of Public Affairs 39, 1051, 1336, 1345, 1522, 1547
Mabry, T. J. 272
Mac, M. J. 17, 1434
Macias, Gloria 1928
Mackay, William P. 1681

- Maechtle, T. L. 1801
 Magill, Robert E. 230, 231
 Magoon, Orville T. 1426, 1427
 Maki, D. L. 416
 Manigold, Douglas B. 1689, 1852
 Manning, R. W. 1185, 1196, 1199, 1200, 1227, 1326
 Marion, Wayne R. 922, 923, 1831
 Marquis, P. J. 1824
 Marroquin, J. 315
 Marroquin, J. S. 100
 Marsh, E. 576, 577
 Marsh, Ernest G. 101, 102, 1337
 Marshall, J. T. 912
 Marshall, Joe T. 925
 Marshall, Joe T., Jr. 924
 Martin & Brown Consulting Engineers 1759
 Martin, C. O. 1413
 Matlack, M. C. 374
 Matlock, G. C. 602
 Matlock, Gary C. 550
 Matthews, Charles M. 102
 Matthews, W. J. 603
 Maurer, T. C. 1845
 Maurer, Thomas C. 1789
 Maxon, G. E. 926, 927
 Maxwell, Ross A. 1548
 Maxwell, Terry C. 496
 May, T. W. 1827, 1830
 May, Thomas W. 1849
 Mayden, Richard L. 509
 Mayes, Kevin B. 1701
 Mayfield, M. H. 232
 Mazzolini, P. 598
 McAllen, R. L. 429
 McAllister, C. T. 737
 McAllister, Don E. 621, 660
 McAllister, L. S. 1376
 McAlpine, Susan 1228
 McBride, Roy T. 1229
 McCafferty, W. P. 472
 McCann, Bill 1707
 McCasland, William E. 1861
 McClinton, Philip L. 1230, 1260
 McClinton, Susan F. 1230, 1260
 McClung, B. B. 1854
 McCormick, J. Frank 1405
 McCoy, Clarence J., Jr. 738
 McDaniel, V. R. 737
 McDonald, Brian 1562
 McDougall, W. G. 1556
 McDougall, Walter B. 103, 104, 1347, 1348
 McElvare, Rowland R. 400
 McEwen, L. C. 1774
 McGillivray, W. B. 1387
 McGinnies, W. G. 176
 McGowen, J. H. 1566
 McGrew, A. D. 928
 McGuire, William W. 393
 McKinnerney, M. 1231
 McKinney, B. 929
 McKinney, B. P. 1242
 McKinney, Bill P., Jr. 1232
 McKinney, Bonnie R. 739, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 984
 McKone, P. D. 1921
 McLendon, T. 105
 McMahan, C. A. 940, 941, 942, 1191, 1430
 McMahan, Craig A. 106, 1192, 1233, 1234
 McMillan, C. 1431
 McMurray, Sharon L. 943
 McQueen, J. C. 726
 Mearns, Edgar A. 16, 1235, 1236
 Mecham, J. S. 740
 Medellín, R. A. 1319
 Medellín, Rodrigo A. 1237
 Meek, S. E. 604, 605, 606
 Meeker, D. L. 1782, 1823
 Meents, Julie K. 1380, 1381, 1384
 Melgoza, A. 1492
 Melhop, Pat 8, 1606
 Mena, Richard 1681
 Menard, Julie A. 1922
 Mendelman, Eric 1911
 Mendieta, H. B. 1708
 Menn, C. T. 607
 Merkord, Glenn W. 1432
 Merritt, Richard W. 473
 Messerly, J. F. 148
 Metcalf, Artie L. 336, 337, 474, 475, 476, 477, 479
 Meyer, Edward R. 107
 Meyer, Raymond Arthur 944
 Michael Sullivan & Assoc. 1629
 Michot, T. C. 1832
 Mickey, Kelley J. 1408
 Mikus, F. F. 1473
 Milford, Murray Hudson 1486
 Milhous, R. T. 1666
 Miller, A. H. 945, 946
 Miller, C. E. 1086
 Miller, Dennis J. 93, 309
 Miller, F. M. 1833
 Miller, George 1338
 Miller, J. M. 189
 Miller, R. R. 511, 533, 577, 586, 647
 Miller, Robert R. 22, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 648
 Miller, S. D. 1301
 Miller, S. Douglas 1300

- Milstead, E. 576
Milstead, William W. 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 1238
Milstein, Michael 1239
Minckley, C. O. 625
Minckley, W. L. 618, 619, 620, 621, 622, 623, 624, 625
Minton, Sherman A., Jr. 751
Mitchell, C. A. 947, 948, 949, 1767, 1768, 1768, 1783, 1784, 1785, 1832, 1834, 1877, 1879, 1880, 1881, 1882, 1883
Mitchell, Christine A. 1766, 1769, 1770
Miyamoto, Siichi 1709
Mohlenbrock, M. W. 233
Mohn, M. M. 1781
Moir, William H. 310, 1380, 1381, 1382, 1383, 1384
Moll, E. O. 752
Molles, M.C., Jr. 1411
Mollohan, Cheryl 1212
Monarrez, M. D. C. 1681
Monk, J. G. 1787
Monk, J. Geoffrey 1811
Monte Mucho Soil and Water Conservation Service 1487
Montemayor, Adrian 1690
Montgomery, T. H., Jr. 950
Montoya, Angel B. 951
Moore, R. T. 860, 946, 1375
Moore, Tom D. 1240, 1241, 1339
Moore, W. O. 234
Mora, Miguel A. 1835, 1836, 1837
Morel-Seytoux, Hubert J. 1666
Morgan, R. P. II 1106
Morris, D. J. 558, 577
Morrison, M. L. 952, 1838
Morse, J. 693
Morton, H. L. 296
Morton, R. A. 1566
Morton, Robert A. 1539
Mosauer, W. 753
Moyers, Jarvis L. 1890, 1905
Muehlberger, William R. 1524
Mulhern, B. 1760
Mulhern, B. M. 1822
Muller, Cornelius H. 108, 109, 110
Muller, Daniel A. 1549
Mumme, Stephen P. 1550
Murphy, Joseph R. 976
Murray, Leo T. 754
Murray, Thomas M. 592
Murvosh, C. M. 452
Nabhan, G. P. 111, 1385
Naiman, Robert J. 613
Nalven, Joseph 1619
Nance, H.S. 1566
National Audubon Society, Sabal Palm Grove Sanctuary 1635
Nault, A. J. 1832
Navarro-Mendoza, Miguel 660
Neck, Raymond W. 388, 478, 479, 755
Neighbor, Douglas S. 953, 954, 1242, 1266
Neill, Robert L. 235, 906, 907, 1360
Nelson, James T. 112, 1243
Nelson, John M. 401
Nelson, Richard C. 955
Nesom, G. L. 236, 237
Netting, M. G. 756
New Mexico. Dept. of Game and Fish 1607
New Mexico State University, Water Resources Research Institute 1551
Newland, L. W. 1677
Newman, G.A. 956
Newman, Robert A. 718, 757, 758
Newton, A. F., Jr. 349
Nickerson, P. R. 1839
Nieuwendaal, H. 727
Niewiarowski, P. H. 759
Nilsson, N. N. 957
Nisbet, I. C. T. 1787
Nochumson, David H. 1897
Nordstrom, Phil 1700
Norland, Jack E. 180
Norman, Colin 402
Norman, J. W., Jr. 1761
Norman, John W. 1840
Norman, John W., Jr. 1841
Northington, David K. 38, 138
Novosad, C. J. 1488
Nunez, F. S. 403
Nymeyer, Lynn Alan 958, 959
O'Brien, Charles W. 404
O'Connor, B. M. 405
O'Neil, Earl W. III 238
Oberholser, H. C. 960, 961
Obregon-Barboza, H. 626
Obregon-Morales, M. E. 1868
Odom, R. R. 1301
Ohmart, R. D. 1409
Ohmart, Robert D. 1404, 1405
Oldenburg, P. W. 1180
Olmos, G. R. 525, 627
Olson, J. K. 480, 1846
Onuf, Chris P. 17, 1433, 1434, 1435, 1436, 1438
Opler, P. A. 1913
Ormsby, Gregory 15, 1634
Ortega, Catherine T. 1675
Ortega, I. M. 1259
Orzell, Steve L. 50

- Osburn, H. R. 602
 Ottmers, Donald D. 1710
 Oubari, D. 1921
 Overall, Karen L. 673, 718
 Owens, David W. 767
 Oyarzabal, Francisco 1711
 Ozier, J. C. 1301
 Ozuna, Teofilo, Jr. 1636
 Packard, Jane M. 1244, 1266
 Painter, Charles W. 774
 Palmer, Ernest J. 113
 Palmer, Neil Meredith 1386
 Parfin, S. I. 481
 Parish, R. B. 628, 629
 Parr, Cynthia 143
 Parry, Charles Christopher 1552
 Parvin, B. 1637
 Patterson, B. D. 1245, 1246
 Patterson, T. C. 1489
 Paul Garza and Associates 1712
 Pause, Paul H. 156, 848, 1516
 Payne, Janie 1938
 Peakall, D. B. 1820
 Pease, Donald Cargill 239
 Peden, A. E. 630
 Pemberton, J. R. 962
 Pence, Danny B. 1247, 1311
 Pennak, Robert W. 482
 Penrose, Richard L. 388
 Peper C. 847
 Perdomo, A. 1252
 Perez-Bernal, Reynaldo 631
 Perez, Claudio 760
 Perez Consulting Engineers 1759
 Peslak, John 240
 Peterman, P. H. 1850
 Petersen, B. E. 1774
 Petersen, K. E. 1167
 Peterson, Roger Tory 963
 Peterson, Russell D. 1437
 Pettitt, J. M. 1923
 Pezold, F. L. 632
 Phillips, A. R. 787
 Phillips, J. C. 964
 Phillips, J. D. 1713
 Phillips, John Wesley 338
 Phillips, N. W. 965
 Phillips, S. A. 344
 Pierce, Frank Cushman 1458
 Pilsbry, H. A. 406
 Piñero, Chris 1911
 Pittman, M. T. 1248, 1249
 Plapp, F. W. 1777, 1778
 Platania, Steven P. 504, 505, 506, 507, 633
 Pleasants, B. Y. 966
 Pluhar, Jennifer 71
 Plumb, Gregory A. 114, 115, 116
 Polhemus, J. T. 485
 Pons, Max, Jr. 1570
 Poole, Jackie M. 8, 117, 221, 241, 242, 243, 244, 303, 1606
 Pope, John 137
 Popp, Carl J. 1714, 1842
 Porter, R. D. 1250
 Porter, Tom 1892
 Powell, A. M. 138, 185, 272, 273, 274, 282, 283
 Powell, A. Michael 18, 118, 119, 120, 121, 122, 123, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 309, 311, 571, 1387, 1603, 1905
 Powell, G. L. 577
 Powell, J. 312, 313, 314, 1251, 1366
 Powell, Michael A. 1363
 Powell, S. 121
 Powell, S. Sloan 122
 Pratt, William L. 407, 408, 409, 410
 Presnall, C. C. 1556
 Presnall, Clifford C. 1348
 Preston, Richard D. 1715
 Price, A. H. 549, 693
 Price, Manning A. 411
 Price, Robert D. 1549
 Propst, D. L. 505
 Propst, David L. 526
 Prouty, R. M. 1802, 1843, 1882
 Puckett, C. E. 17, 1434
 Pulich, Warren M., Jr. 967, 1437
 Pulich, Warren M., Sr. 967
 Pullen, Edward J. 1924
 Punzo, Fred 761
 Quammen, David 1459
 Quammen, M. L. 1438
 R.J. Brandes Co.
 R. Roy Johnson 1415
 Radell, Mary J. 1673
 Radell, Mary Jo 1529
 Radinovsky, Syd 1340
 Rakestraw, D. L. 1921
 Ralston, Barbara E. 265, 266
 Ramamoorthy, T. P. 1460
 Ramirez Pulido, J. 1577
 Ramirez-Pulido, Jose 1252
 Ramon Calleros, J. 1560
 Ransom, D., Jr. 968
 Rappole, J. 1862
 Rappole, J. H. 1391
 Rappole, John H. 969, 970, 971, 972, 1014, 1253
 Rapport, David J. 1646

Rasp, Richard A. 1254
 Ray, Clayton, E. 1255
 Reduker, David W. 1256
 Regan, C. Tate 634
 Reichman, O. J. 1257
 Reid, N. 315
 Relyea, Ricky A. 1258, 1259
 Resendez B., J. J. 416
 Rey, Agaspito 1456
 Reyes, J. L. 412
 Reynolds, R. P. 981
 Reynolds, Tom D. 1676
 Ribick, M.A. 1880
 Ribick, Michael A. 1849
 Richard, J. 635
 Richard, Norman L. 1341
 Richardson, Alfred 19, 124
 Richardson, Alfred T. 1341
 Richerson, J. V. 203, 1819
 Richerson, Jim V. 334, 1230, 1260
 Richey, Steven F. 1529, 1673
 Rickner, J. A. 491
 Riddle, B. R. 1215
 Riddle, K. E. 1800, 1802
 Riddle, Wayne A. 413, 414
 Riddleberger, K. A. 1301
 Riedesel, Marvin L. 168
 Riess, Elizabeth M. 125
 Riley, C. M. 20, 973
 Rinne, J. N. 588, 636
 Rio Grande Fishes Recovery Team 637, 638, 639, 640
 Rio Grande Valley Chamber of Commerce 1925, 1926, 1927
 Risebrough, R. W. 1787
 Risebrough, Robert W. 1811
 Risenhoover, Ken L. 1261
 Riskind, David H. 38, 50, 73, 85, 107, 117, 123, 126, 127, 267, 336, 522, 612, 620, 680, 689, 748, 769, 778, 792, 888, 1041, 1045, 1077, 1153, 1173, 1270, 1309, 1393
 Rivera, R. 375, 641
 Robbins, T. O. 370
 Robbins, Thomas O. 369
 Roberts, Jennifer L. 483, 1716, 1717, 1718
 Robertson, J. L., Jr. 1124
 Robertson, Stephen M. 1844, 1845
 Robinson, Gayle C. 1916
 Robinson, J. L. 316
 Robinson, John R. C. 1761
 Robinson, R. M. 1174, 1262
 Robinson, Sharla M. 974
 Robinson, Thomas William 317
 Robleda Moguel, Magarita 1342
 Rocco, Carmen 1616

Rocky Mountain/Southwestern Peregrine Falcon
 Recovery Team (U.S.) 975
 Rodden, Paul 1911
 Rodman, J. E. 222
 Roever, Kilian 415
 Rogers, Anne 1911
 Rogers, Greg 1911
 Rogers, R. R. 891, 892, 976
 Rogers, William J. 1740
 Rohlich, Gerard A. 1719
 Rojas-Mendoza, Paulino 518
 Rongstad, O. J. 968
 Rose, F. L. 728, 729, 730, 762, 763, 764
 Ross, R. K. 731, 765
 Roth, Daniel 1667
 Rowell, Chester 31
 Rubink, W. L. 416
 Rueckle, T. 846
 Ruiloba, Eduardo 1681
 Ruiz-Campos, G. 642
 Runyon, Robert 128
 Rupert, J. R. 977
 Rusch, D. H. 968
 Russ, W. B. 866
 Russell, D. N. 1263
 Russell, T. Paul 1264
 Ruth, Harry R. 129
 Ruth, Toni K. 1242, 1244, 1265, 1266
 Ruthven, D. C. III 1267
 Ryan, M. J. 543
 Rylander, Michael K. 1046
 Salaiz, Cheryl 1916
 Salas, M. G. G. 643
 Salazar-Vallejo, Sergio I. 831
 Salinas, V. L. 525
 Salinity Laboratory (U.S.) 1720
 Sames, W. J. IV 1846
 Sanchez, Mario L. 1342
 Sanders, C. L., Jr. 1268
 Sanders, Russell R. 1496
 Sanderson, G. C. 869
 Sanderson, Milton W. 417, 418, 419
 Santana, L. M. 1721
 Sargent, K. A. 1509
 Sauer C. 1753
 Saunders, Geoffrey P. 1553
 Saunders, K. 1773
 Saxon, James Glenn 766
 Schacht, S. J. 1855
 Schacht, Steven J. 978, 979
 Schaetzel, Laurie J. 877
 Schlatter, Janet M. 644
 Schmedes, K. E. 1566
 Schmidly, D. J. 1116, 1318, 1387

- Schmidly, David J. 1088, 1125, 1207, 1269,
1270, 1271, 1272, 1402, 1414, 1415, 1416
- Schmidt, Cheryl A. 1273
- Schmidt, K. P. 1556
- Schmidt, Karl P. 21, 767, 768, 1348
- Schmidt, Samuel 1928
- Schmitt, C. G. 882, 884, 980, 1331
- Schmitt, C. J. 1847, 1848, 1849, 1850
- Schmitt, G. 556
- Schulman, Edmund 318, 319
- Schultz, H. C. 869
- Schultz, T. W. 1826, 1851
- Schulze, Jean A. 1852
- Schwarz, Gregory E. 1491
- Scifres, C. 1361
- Scifres, C. J. 1754
- Scott, N. J., Jr. 850, 981
- Scott, Peter E. 982, 983, 984, 1388
- Scudday, J. F. 779
- Scudday, James F. 769, 770, 1047, 1343, 1344,
1345, 1929
- Scullen, Herman A. 420
- Secord, M. L. 985
- Seegar, W. S. 1801
- Seeley, Paul N. 592
- Selander, R. K. 986
- Selcer, K. W. 771
- Selcraig, Bruce 1638
- Senft, D. 1490
- Sennett, George B. 987, 988
- Sexton, Charles W. 913
- Shafroth, P. B. 320
- Shanley, E. J. 1838
- Sharp, Devora 989
- Sharpe, P. J. H. 1467, 1468
- Shaw, Douglas W. 1417
- Shaw, Robert B. 1930
- Shelley, Rowland M. 421
- Shields, J. 1898
- Shiflett, J. T. 912
- Shimizu, Yuzuru 1422, 1439, 1441
- Shindle, David Brian 1274
- Shreve, F. 130, 268
- Shull, Alisa M. 875
- Shulze, Jean A. 1689
- Sides, S. L. 88, 98, 1428
- Sidle, John G. 990
- Siemien, Michael J. 645, 646
- Sikes, S. 261, 262
- Silvy, N. J. 1921
- Simon, Thomas P. 1701
- Singleton, J. R. 991
- Sisbarro, Daniel Jay 1578
- Sissom, W. David 422, 423
- Sites, R. W. 484, 485
- Skaggs, K. E. 898
- Skaggs, R. W. 898
- Skiles, J. Raymond 1242, 1244, 1266, 1275,
1276
- Slack, K. M. 1921
- Slack, R. D. 952, 1838, 1921
- Slowe, D. L. 892
- Smartt, R. A. 799
- Smayda, Theodore J. 1422, 1439, 1441
- Smeins, Fred E. 1930
- Smith, A. P. 992, 993
- Smith, Bruce B. 424
- Smith, David W. 269, 270
- Smith, Donald A. 1853
- Smith, Donald D. 749, 1277
- Smith, Edgar L. 271
- Smith, Hobart M. 772
- Smith, Michael L. 22, 647, 648
- Smith, Richard A. 1491
- Smith, Tarleton F. 21, 768, 996, 1346
- Sneed, N. L. 321
- Snyder, Dorothy E. 994
- Snyder, W. A. 1065, 1278, 1279
- Society of Economic Paleontologists and
Mineralogists, Permian Basin Section 172
- Soltero, Sergio 1492
- Soltz, David L. 613
- Sorola, Sylvestre H. 995
- Sosebee, Ronald E. 1368
- Southwick, L. 272
- Sparks, Alton N., Jr. 1761, 1840, 1841
- Spears, R. Gay 156, 848, 1516
- Speegle, D. J. 1921
- Sperling, Carol 143
- Sperry, Omer Edison 104, 131, 132, 133, 159
- Spicer, R. L. 1472
- Spiller, S. F. 1418
- Springer, Alan M. 1811
- Springer, Victor G. 578
- Springfield, H. W. 322
- Springs, A. J. 1339
- Stahnke, Herbert L. 425, 426
- Standley, Paul C. 323
- Stanford, J. A. 1411
- Stangl, F. B., Jr. 1280, 1281
- Stauffer, J. R., Jr. 646
- Stauffer, Jay R., Jr. 621
- Stearman, Jack 1554
- Stearns, Brett C. 774
- Steele, G. Earl 692
- Stein, A. 327
- Steinberger, Y. 1389
- Steinhart, Peter 2, 1445
- Stephenson, B. C. 1854
- Stern, E. M. 477

- Sternes, K. L. 1721
Stevenson, James O. 996
Stevenson, M. M. 649, 650
Stewart, Susan E. 293
Stine, Walter Douglas, Jr. 1282
Stockton, C.W. 325
Stockwell, D. A. 1422, 1439
Stockwell, Dean A. 1442
Stockwell, Scott Allen 427
Stokes, Marvin A. 324, 325
Stopher, David Robertson II 428
Stout, W. F. 1781
Strecker, John K., Jr 773
Strenth, N. E. 486
Strong, Paul I. 1283, 1284, 1285
Strong, S. 39
Stuart, David 817
Stuart, J. N. 850
Stuart, James N. 774
Stubbenieck, James 97
Stumpff, W. K. 651
Sturdivant, T. S. 538
Sublette, James E. 652
Sublette, Mary 652
Sugden, E. A. 375, 429
Sul Ross State University 326, 1931, 1937
Sullivan, R. M. 1286
Sullivan, S. A. 1555
Suttle, C. A. 1423
Sutton G. M. 1013
Sutton, George M. 997
Svirsky, Susan C. 592
Swepton, Danny A. 998, 999, 1287, 1288, 1289, 1932
Swietlik, D. 1709
Swineford, D. M. 1823, 1883
Synatzske, D. R. 1180
Synatzske, David R. 1290
Tacha, T. C. 876, 1855
Tacha, Thomas C. 979
Tamsitt, J. R. 1291
Tanner, G. W. 1856
Tarango, Miguel 1681
Taylor, D. W. 430, 487
Taylor, J. R. 1292
Taylor, Richard B. 1225, 1293, 1294, 1295, 1296
Taylor, W. P. 1126
Taylor, Walter P. 1297, 1347, 1348, 1556
Teel, P. D. 1000
Telfair, R. C. 1001
Telfair, R. C. II 820
Telloz, J. 1899
Tennant, A. 825
Tennant, Alan 1461
Tewes, M. E. 1298, 1299, 1300, 1301
Texas A&M University, Department of Forest Science 1493
Texas A&M University, Texas Agricultural Experiment Station, Texas Water Resources Institute 1933
Texas Agricultural Experiment Station 1349, 1499
Texas Agricultural Extension Service 326
Texas Center for Policy Studies 1579, 1934
Texas Colonial Waterbird Society 1002
Texas Department of Agriculture 1857
Texas Department of Agriculture, Texas Rural Water Quality Network Project 1722
Texas Department of Health 1858
Texas Department of Water Resources 1440, 1557
Texas General Land Office 1859, 1916, 1935
Texas Herpetological Society 775
Texas Legislature. Joint Interim Committee on the Environment 1639
Texas Natural Resource Conservation Commission 1723, 1936
Texas Natural Resource Conservation Commission, Watershed Management Division 1724
Texas Organization for Endangered Species 134, 1608, 1609
Texas Parks and Wildlife Department 1003
Texas Parks and Wildlife Department, Coastal Fisheries Branch 4, 1421
Texas Parks and Wildlife Dept. Research Planning Division. Park Service 135
Texas Water Commission 1725, 1726, 1727, 1728, 1729, 1730, 1731
Texas Water Development Board 1494, 1732, 1938
Texas Water Quality Board, Field Operations Division, Surveillance Section, Special Studies Program 1733
Thaeler, C. S., Jr. 1302
Thayer, W. N. 1558
Thebeau, L. C. 1860
Thelander, C. G. 1787, 1800
Thelander, Carl G. 1811
Thenayan, Abdullah T. 1495
Thomas, Harold E. 1559
Thomas, J. W. 1174
Thomas, Rex E. 488
Thomas, Robert A. 776
Thompson, B. C. 820, 921, 1400
Thompson, Ben H. 1350
Thompson, Bruce C. 1932
Thompson, Bruce Carlyle 1004
Thompson, C. M. 1474, 1502

- Thompson, Charles M. 1496
 Thompson, H. J. 273
 Thompson, K. W. 577
 Thompson, Monica 431
 Thorne, R. F. 136
 Thornton, O. W., Jr. 23, 777
 Thornton, W. A. 965
 Tidswell, Brooke 1861
 Timmermann, Barbara N. 1363, 1603, 1905
 Tinkham, Ernest R. 432, 433, 434, 435, 489
 Tinkle, D. W. 750
 Tipton, A. R. 971, 1862
 Tobin, L. Thomas 1426
 Tomb, A. S. 263
 Tomlinson, R. 1005
 Torres-Morales, M. 642
 Torrey, John 137
 Trappe, James M. 190
 Trava Manzanilla, Jose Luis 1560
 Trefethen, James B. 1019
 Trevino, Mario 8, 1606
 Trevino-Robinson, D. 653, 654
 Triplehorn, Charles A. 436, 437
 Trostle, M. R. 344
 Tunnell, Curtis D. 1462
 Tunnell, J. W. 1860
 Turner, August J. 1497
 Turner, B. L. 123, 138, 274
 Turner, Bruce C. 1005
 Turner, Collie & Braden, Inc. 1561
 Tuttle, Merlin D. 1303
 Twidwell, Steve R. 1701, 1734
 Tyler, Ronnie C. 1463
 Tysseling, John C. 1562
 U.S. Fish and Wildlife Service 275, 655, 1580, 1581, 1582, 1610, 1611, 1612, 1863, 1864, 1939
 U.S. Fish and Wildlife Service. National Fish and Wildlife Laboratory 1006, 1304, 1305, 1306
 U.S. Fish and Wildlife Service. Region 2 1583
 U.S. Fish and Wildlife Service. Region 2. Office of Endangered Species 656
 U.S. Fish and Wildlife Service. Southwest Region 1584
 United States. Army. Corps of Engineers 1668
 United States. Army. Corps of Engineers. Galveston District 1669, 1670
 United States. Bureau of Land Management 24, 1585
 United States. Bureau of Reclamation 1640
 United States. Bureau of Reclamation. Region 5 1671
 United States. Congress. Senate. Committee on Energy and Natural Resources 1586
 United States. Dept. of Agriculture 1498
 United States. Dept. of Agriculture. Economic Research Service 1500
 United States. Dept. of the Interior 1587
 United States. Dept. of the Interior. Water and Power Resources Service. Southwest Region 1563
 United States. Environmental Protection Agency 1641, 1642, 1865
 United States. Environmental Protection Agency. Office of International Activities 1643, 1644, 1645
 United States. Environmental Protection Agency. Office of Science and Technology. Standards and Applied Science Division 1866
 United States. Federal Committee on Ecological Reserves 1588
 United States. Forest Service 1500
 United States. National Ocean Service 1867
 United States. National Park Service 139, 1007, 1008, 1390, 1564, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1735, 1900, 1901, 1902
 United States. Office of Saline Water 1736
 United States. Soil Conservation Service 1499, 1500
 University of New Mexico. Biology Dept. New Mexico Natural Heritage Program 140
 Urban, E. K. 1009
 Uzzell, P. B. 1019, 1307
 Valdes-Gonzales, A. 579
 Valdez, M. T. 412
 Valett, H. M. 1411
 Van Auken, O. W. 276, 297, 327
 Van Cleave, Horace W. 372
 Van Devender, Thomas R. 141, 778
 Van Pelt, Arnold F. 25, 142, 339, 340, 341, 342, 343, 438, 439, 440, 441, 442, 443, 444, 445, 446, 1308
 Van Pelt, Stephen A. 446
 Van Tyne, Josselyn 1010, 1011, 1012, 1013
 Van Valkenburg, Alan 143
 Vargas Marquez, Fernando 1600
 Vaughan, Tom 1690
 Vega, Jorge H. 1014, 1391
 Velázquez R. 100
 Vi Risser, Mary 1601
 Villa Ramirez, Bernardo 1309
 Villarreal, R. 203, 1427
 Villarreal-Trevino, C. M. 1868
 Villegas-Navarro, A. 1868
 Vines, Robert A. 328
 Vora, R. S. 145, 146, 147, 148, 1501
 Vora, Robin S. 144
 Vose, G. P. 825
 Wade, V. R. 896

- Waggenerman, G. 972
Waggenerman, G. L. 876, 1015, 1392
Waggenerman, Gary L. 979, 1016
Waid, Douglas D. 1247, 1310, 1311, 1312
Waldschmidt, S. R. 759
Walker, B. 707
Walker, Eugene A. 1339
Walker, J. M. 779
Walker, W. 1787
Walker, Wayman II 1811
Wallace, Henry 780
Wallmo, O. C. 841, 1017, 1018, 1019, 1313, 1314, 1351
Walsh, D. F. 1848, 1869
Walsh, S. J. 657
Walter, Hartmut 292
Walters, James W. 149
Walters, Vladimir 616
Walton, Anthony W. 1523
Walton, B. J. 1787
Walton, Brian J. 1811
Ward, F. P. 1802
Ward, H. 919
Warner, Ray 1315
Warnock, Barton H. 133, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 277, 278, 279, 1352, 1353, 1354
Warren, Mike 1890
Warren, Robert J. 1247, 1311, 1312
Warshaw, Steve 1737, 1738
Water Resources Council (U.S.) 1565
Waterfall, U. T. 160
Wauer, Roland H. 26, 38, 73, 85, 107, 123, 280, 281, 329, 336, 522, 575, 580, 612, 620, 680, 689, 748, 769, 778, 781, 792, 796, 844, 888, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1077, 1153, 1173, 1270, 1309, 1316, 1355, 1393, 1419, 1464, 1602, 1603
Weaver, W. G., Jr. 666
Webb, James W. 1870
Webb, W. L. 1394
Webster, Charles F. 1739
Webster, G. L. 161
Weedin, J. F. 282, 283
Weishuhn, L. L. 1117
Wells, Frank C. 1740
Wells, Philip V. 162, 163, 164
Wells, Stephen G. 1515
Weniger, Del 284, 285
Werler, J. E. 782
Werler, John E. 772
Werne, J. R. 1465
Werner, Floyd G. 447
Wesson, Leo 1048
West, Jan 330
Wetmore, Clifford M. 286, 287, 1903, 1904
Wheeler, Louis Cutter 288
Whitaker, John O. 405, 448, 1140, 1317
White, Burdette E. 449
White, C. M. 1787, 1800
White, Clayton M. 976
White, D. H. 949, 1049, 1764, 1784, 1785, 1834, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883
White, R. S. 1367
White, W. A. 1566
White, W. N. 1533, 1534
Whitefied, Michael Paul 165
Whitford, W. G. 1389
Whitford, Walter, G. 1646
Whiting, Willilam Henry Chase 1448
Whitledge, T. E. 1439, 1441
Whitledge, Terry E. 1442
Whitson, Paul D. 166, 167, 1604
Whitworth, Molly R. 592
Wierenga, P. J. 1489
Wiggins, Glenn B. 490
Wilde, G. R. 658
Wiley, E. O. 22, 648
Wilhite, H. S. 491
Wilkins, K. T. 1318
Williams, DeWayne 1496
Williams, Frances 849
Williams, J. L. 375
Williams, J. M. 1881
Williams, Jack E. 617, 659, 660
Williams, James D. 529, 617, 660
Williams, John G. 581, 661
Williams, John S. 168, 289
Williams, K. L. 752
Williams, Michael D. 1897
Williams, O. B. 99
Williams, Sartor Otho III 1050
Williams, D. 1502
Wilson, D. E. 1151, 1319, 1376
Wilson, Don E. 1255
Wilson, K. R. 868
Wilson, W. T. 416
Winckler, S. 1051
Windberg, Lamar A. 1320, 1321
Winemiller, K. O. 498
Winkler, C. K. 1119, 1322
Winters, J. Kenneth 1870
Wirth, W. W. 492
Wirth, Willis W. 470
Wiseman, J. S. 1795, 1853
Wolf, David E. 1052

- Wolff, Herbert A. 1915
 Woltenbarger, Orlie Kenneth III 1395
 Wondzell, Steven M. 99, 169, 170
 Wood, M. G. 539, 540
 Wood, Michael Gray 662
 Woodin, M. C. 1053
 Woodin, Marc 1790
 Woodward, Dennis 1567
 Woodward, Dennis G. 1506
 Woolman, A. J. 663
 Woolman, Albert J. 664
 Wooten, R. C., Jr. 450
 Wooton, Elmer O. 171
 Worthington, Richard D. 141, 172, 173, 174,
 175, 222, 290, 291, 292, 778, 1356, 1357, 1396
 Wrenn, William J. 398
 Wright, Henry A. 1368
 Wright, P. G. 1054
 Wynd, F. L. 1503
 Yancey, F. D. II 1196, 1200, 1227, 1323, 1324,
 1325, 1326
 Yancey, R. M. 1924
 Yarborough, Keith A. 1890, 1905
 Yates, T. L. 526, 1167
 York, C. L. 1397
 York, J. C. 176
 Young, D. A. 665
 Younger, Victor 330
 Zajicek, J. L. 1850
 Zenick, H. 1786
 Zerr, R. W. 577
 Zimmer, Barry 1055
 Zimmerman, A. D. 264
 Zwank, P. J. 948
 Zweifel, Richard G. 783

Key Word Index

- Abies durangensis* var. *coahuilensis* 294
Acacia smallii 297
 Acari 405
 Acarina 398, 448
 Accipitridae 894
 Acclimatization (Plants) 82
Achurum sumachrastii 431
Acris 756
 Aculeata--Big Bend National Park (Tex.) 383
Aedes aegypti 1846
Aedes albopictus 1846
Aeneolamia 372
 Agavaceae 201
Agave glomeruliflora 215
Agave havardiana 129, 223, 224, 235, 1189, 1358, 1359, 1360
Agave lechuguilla 129
Agonostomus monticola 519
 Agricultural chemicals--Economic aspects 1761
 Agricultural chemicals--Environmental aspects 52, 1672, 1750, 1784, 1882
 Agricultural geography--Lower Rio Grande Valley (Tex.) 1479
 Agricultural laborers 1743
 Agricultural pollution 1769
 Agricultural resources 1495
 Agriculture--Economic aspects 1495
Agrilus 394, 396
 Air--Pollution 1639, 1885, 1886, 1887, 1888, 1894, 1897, 1899
 Air--Pollution--El Paso Metropolitan Area (Tex.) 292, 1884
 Air--Pollution--Measurement 1889, 1903
 Air quality 1898
 Air quality--Big Bend National Park (Tex.) 1892, 1900, 1901, 1902, 1904, 1905
 Air quality--Mexico--Ciudad Juarez 1891
 Air quality monitoring stations 1889
 Air quality--Texas--El Paso 1891
 Algae control 1676
Ambrysus hungerfordi 484
Ammatomus icariodes 385
 Amphibians--Big Bend National Park (Tex.) 21, 674, 687, 768
 Amphibians--Big Bend Region (Tex.) 751
 Amphibians--Chihuahuan Desert 680, 745, 769
 Amphibians, Fossil 705, 778
 Amphibians--Identification 701
 Amphibians--Lower Rio Grande Valley (Tex.) 23, 777
 Amphibians--Mexico 709, 734
 Amphibians--Mexico--Coahuila 767
 Amphibians--Texas 541, 675, 776
 Amphibians--Texas--Brewster County 667, 739, 773
 Amphibians--Texas--Cameron County 760
 Amphibians--Texas--Chisos Mountains 754
 Amphibians--Texas--Guadalupe Mountains 740, 753
 Amphibians--Texas--Southwest 720
 Amphibians--Texas--Terrell County 741
Anas diazi 881, 958, 998, 1050
Anas platyrhynchos diazi 959, 981
Anas rubripes 1794
Ancistrocactus tobuschii 219
Anderida peorinella 366
 Anencephalus 1615
 Animals--Photographs 1350
 Anisakidae 737
 Anna's hummingbird 1046
Anolis sagrei 732
 Anostraca 455
 Antelopes (see also *Antilocapra americana*) 1172
Antilocapra americana 1089, 1155, 1171, 1264
 Ants 344, 438, 439, 440, 441, 442, 443, 444, 446
 Anura 757, 758
 Apicomplexa 1181
 Apidae 375, 416
Apis mellifera 416
 Aplomado falcon 899, 951
Apodemia 378
Aponomma elaphensis 411, 691
 Aquatic ecology 1328, 1403, 1706
 Aquatic invertebrates 454, 461, 466, 471, 473, 482
 Aquatic microbiology 483
 Aquatic plants 89, 220, 991, 1430, 1630, 1631
 Aquatic plants--Control--Congresses 1488
Aquilegia 229
 Arachnida 382, 424, 427
Argemone 250
Arremonops rufivirgatus 1054
 Arsenic 1687, 1898
 Arthropod populations--Lower Rio Grande Valley (Tex.) 380
 Ascaridida 737
 Ashy dogweed 241
 Asteraceae 254, 255, 256, 257, 262, 370
Astragalus 203, 226, 239
Astyanax fasciatus 542
 Atherinidae 619
 Atmospheric chemistry 1890
 Atmospheric ozone--Big Bend National Park (Tex.) 1895, 1896
 Audubon's oriole 858
Austrotinodes 456

- Avicennia germinans* 1424
Awaous tajasica 538
Aythya americana 1053
 Aztec thrush 1052
Baccharis 369, 370
 Bald eagle--New Mexico 882
Bartlettia 245
 Basins (Geology) 1524
 Bat falcon--Mexico 824
 Bats--Big Bend National Park (Tex.) 1132, 1133, 1134, 1140, 1190, 1277
 Bats--Big Bend Region (Tex.) 1101
 Bats--Mexico 1133, 1140, 1195, 1319
 Bats--Parasites 1317
 Bats (see also Chiroptera) 1130, 1131, 1153, 1211, 1255, 1272, 1303
 Beavers (see also *Castor canadensis*) 1283, 1285
 Bee culture--Mexico 412
 Bees 375, 383, 416
 Beetles--Big Bend National Park (Tex.) 348, 381
 Beetles (see also Coleoptera) 346
Belostoma confusum 488
 Benthos 6, 462, 463, 471
 Benthos--Big Bend National Park (Tex.) 454
 Berlandier's tortoise 763
 Big Bend gambusia (see also *Gambusia gaigei*) 575
 Big Bend National Park--Herbarium 153
 Big Bend National Park (Tex.) 1416, 1590, 1592, 1593, 1594, 1595
 Big Bend National Park (Tex.)--Bibliography 1909, 1910, 1937
 Big Bend National Park (Tex.)--History 13, 1548, 1574
 Big Bend National Park (Tex.)--Recreational use 1402, 1408, 1414
 Big Bend National Park (Tex.)--Research 1444
 Big Bend National Park (Tex.)--Vegetation surveys 30
 Big Bend Region (Tex.)--History 1463
 Big Bend Region (Tex.)--Periodicals 1931
 Big Bend slider 733, 774
 Big game animals--New Mexico 1164
 Bighorn sheep (see also *Ovis canadensis*) 1104, 1126
 Bioaccumulation 1769, 1794, 1832, 1835, 1836, 1866, 1877, 1878
 Bioaccumulation--Mexico 1868
 Biogeography--Mexico--Congresses 1460
 Biological diversity conservation 1579
 Biological diversity--Mexico--Congresses 1460
 Biological invasions 295
 Biological monitoring 1701
 Biology--Bibliography 1939
 Biotelemetry 1259
 Biotic communities 8, 33, 1034, 1364, 1373, 1375, 1377, 1394, 1398, 1606, 1609
 Biotic communities--Bibliography 1939
 Bird pests--Control 802, 1834, 1862
 Bird populations 821, 944, 969, 1004, 1014, 1016, 1039, 1041, 1045
 Bird refuges 26, 896, 1419, 1580
 Bird watching 908
 Birds 836, 908
 Birds, Attracting of 850
 Birds--Big Bend National Park (Tex.) 801, 809, 810, 811, 812, 840, 843, 848, 926, 982, 997, 1007, 1022, 1023, 1025, 1026, 1032, 1033, 1040, 1043
 Birds--Big Bend Region (Tex.) 927, 1038
 Birds--Breeding 853, 854
 Birds--Coastal Bend (Tex.)--Geographical distribution 969
 Birds--Counting 784
 Birds--Ecology 235
 Birds--Effect of habitat modification on 1391
 Birds--Effect of insecticides on 1835
 Birds--Effect of pesticides on 1784, 1821
 Birds--Eggs 926, 1838
 Birds--Geographical distribution 845, 970, 1002, 1045, 1409
 Birds--Habitat 839, 867, 897, 904, 960
 Birds--Habitat--Lower Rio Grande Valley (Tex.) 790
 Birds--Identification 804, 848, 1003
 Birds--Lower Rio Grande Valley (Tex.) 860, 874, 929, 987, 988
 Birds--Mexico 787, 861, 883, 946
 Birds--Mexico--Coahuila 945, 1009
 Birds--Mexico--Habitat 867, 1464
 Birds--Mexico--Identification 1035
 Birds--Mexico--Tamaulipas 868, 964
 Birds--Migration 26, 904, 1419
 Birds--Nestlings 984
 Birds--Nests 943, 994, 1011
 Birds--New Mexico 880
 Birds--New Mexico--Habitats 944
 Birds--Nomenclature 970, 1003
 Birds of prey 894
 Birds, protection of 20, 973, 975
 Birds--Texas 961, 963
 Birds--Texas--Big Bend National Park (Tex.) 156, 1020
 Birds--Texas--Black Gap Wildlife Management Area 930
 Birds--Texas--Brewster County 804, 835, 841, 996, 1013
 Birds--Texas--Brewster County--Seasonal distribution 950
 Birds--Texas--Brooks County 992
 Birds--Texas--Chisos Mountains 807, 808, 864, 1010
 Birds--Texas--Chisos Mountains--Habitat 1034
 Birds--Texas--Chisos Mountains--Seasonal distribution 1028
 Birds--Texas--Culberson County 800

- Birds--Texas--Davis Mountains 849, 993
 Birds--Texas--Guadalupe Mountains 818, 956
 Birds--Texas--Las Palomas Wildlife Management Area 785
 Birds--Texas--Presidio County 785
 Birds--Texas--Southwest 965
 Birds--Texas--Starr County 1051
 Bison 1449
 Bivalvia 479
 Black bear--Big Bend National Park (Tex.) 1179, 1212, 1223, 1230, 1275
 Black bear--Mexico 1129
 Black bear (see also *Ursus americanus*) 1157, 1232, 1292
 Black-bellied whistling ducks 837
 Black-capped vireo (see also *Vireo atricapillus*) 788, 797, 817, 873, 931, 939
 Black ducks 1794
 Black-headed snakes 772
 Black mangrove 1424
 Black skimmer 1767, 1883
 Black-tailed jackrabbit 1793
 Black-tailed rattlesnake 669
 Black-vented oriole 1029
 Blue catfish 557, 558
 Blue-gray gnatcatcher 984
 Blue-throated hummingbird 1012
 Blue-winged teal 1877
 Bluetongue 1262
 Bobcat (see also *Lynx rufus*) 1218
 Bobwhite (see also *Colinus virginianus*) 918
 Boll weevil 216
 Botany--Big Bend National Park (Tex.) 27, 29, 30, 101, 102, 104, 131, 132, 142, 143, 151, 153, 155, 157, 159, 1355, 1548
 Botany--Chihuahuan Desert 67, 73, 84, 120, 121, 122, 123
 Botany--Classification--Photographs 27
 Botany--Coastal Bend (Tex.) 82
 Botany--Ecology 32, 65, 66
 Botany--Ecology--History 12, 64, 76, 1448
 Botany--Falcon Reservoir (Mexico and Tex.) 39
 Botany--Guadalupe Mountains (N.M. and Tex.) 38, 65, 8
 Botany--Lower Rio Grande Valley (Tex.) 42, 62, 125
 Botany--Mexico 80, 91, 100
 Botany--Mexico--Chihuahua 94, 130
 Botany--Mexico--Coahuila 110
 Botany--Mexico, Gulf of 136
 Botany--Mexico--Nuevo Leon 109
 Botany--New Mexico 171, 301
 Botany--Rio Grande 85
 Botany--Rio Grande Delta (Mexico and Tex.) 19, 124
 Botany--South Padre Island (Tex.: Island) 97
 Botany--Texas 46, 48, 69, 72, 137, 1404
 Botany--Texas--Bibliography 1930
 Botany--Texas--Brewster County 118, 132, 133, 162
 Botany--Texas--Cameron County 87
 Botany--Texas--Chisos Basin 1604
 Botany--Texas--Chisos Mountains 103, 108, 113
 Botany--Texas--El Paso County 173, 175, 291
 Botany--Texas--Franklin Mountains 1356
 Botany--Texas--Glass Mountains 150
 Botany--Texas--Hudspeth County 172
 Botany--Texas--Hueco Mountains 174, 1357
 Botany--Texas--Presidio County 127, 141
 Botany--Texas--Rio Grande Valley State Scenic Park 135
 Botany--Texas--Santa Ana National Wildlife Refuge 60, 61
 Botany--Texas--South 105
 Botany--Texas--South Padre Island 88, 96, 98
 Botany--Texas--Southwest 47
 Botany--Texas--Statistics 70
 Botany--Texas--Terrell County 161
 Botany--Texas--Welder Wildlife Refuge 54
 Botany--Trans-Pecos (Tex. and N.M.) 119
Brachygastra mellifica 429
 Bridges--Texas 1665
 Broad-winged hawks 901
 Bromeliaceae 233
 Bromeliaceae--Big Bend National Park (Tex.) 186, 271
Brongniartia minutifolia 86, 309, 321
 Bronzed cowbird 830, 844, 1036
 Brown algae 1422, 1423, 1441, 1442
 Brown-headed cowbird 933
 Brown pelican 903, 1760
 Brucellosis 1177
 Brush--Control--Texas 312, 313, 314, 1118, 1191, 1251, 1391, 1472, 1918
 Brush mouse 1269
 Bulimulidae 413
 Bunched cory cactus (see also *Coryphantha ramosa*) 211
 Buprestidae 395, 396
Buteo albonotatus 894
 Buthidae 425
 Butterflies 391
 Cactaceae 178, 189, 234, 259
 Cactaceae--Big Bend National Park (Tex.) 280
 Cactaceae--Big Bend Region (Tex.) 266
 Cactaceae--Classification 265
 Cactaceae--Mexican-American Border Region 202
 Cactaceae--Texas--Brewster County 270
 Cactaceae--Trans-Pecos (Tex. and N.M.) 282, 283
 Cactus 179, 187, 207, 208, 211, 219, 221
 Cactus--Big Bend National Park (Tex.) 180, 209, 212, 225, 269, 281
 Cactus--Big Bend Region (Tex.) 181, 183, 184, 194

- Cactus--Chihuahuan Desert 210, 213
 Cactus--Texas 267, 285
 Cactus--Texas--El Paso 290
 Cactus--Texas, South 58
 Caddisflies 490
 Calamoceratidae 457
 California leaf-nosed bat 1255
Callipepla squamata 1017, 1018
Calothorax lucifer 967
 Cambaridae 458
Campostoma 510
Campostoma ornatum 508
 Canals 1663
 Canals--Mexico 1667
 Candelilla 1447
Canis latrans 1282
 Canyon lizards 673, 749
 Carbamates 1784
Cardellina rubrifrons 913
 Carex--Texas--Brewster County 217
 Carmen mountains white-tailed deer (see also
 Odocoileus virginianus carminis) 1082, 1203, 1205
 Carnivora--Big Bend National Park (Tex.) 1224
 Carnivora--Chihuahuan Desert 1231
 Carpenter bees 1388
 Caspian tern 947
Castilleja elongata 199
Castilleja genevievana 236
Castor canadensis 1088, 1107, 1149, 1284
 Catacalinae 360
 Caterpillars--Food 392
 Catfishes 551, 552, 553, 557, 558, 593, 594, 595, 601,
 1920
Catoptrophorus semipalmatus 1769
 Caudata 737
 Cave fauna 559
 Caves--Guadalupe Mountains (N.M. and Tex.) 493,
 1540
Celtis laevigata 297
Centropomus undecimalis 515
Centruroides pantheriensis 425
Centruroides vittatus 384
 Century plant (see also *Agave havardiana*) 1358
 Cerambycidae 388, 390, 397
 Ceratopogonidae 492
Cerceris 387
 Cercopidae--Mexico 372
Cereus greggii 196
Cevallia sinuata 263
 Chachalaca 822, 922, 923, 1015, 1016, 1831
Chaeatodipus 1199
Chaetodipus eremicus 1227
Chaetodipus nelsoni 1227
Chaetodipus penicillatus 1215
Chamaesaracha 260
Chamaesyce 232
 Channel catfish 601
 Channels (Hydraulic engineering)--Environmental
 aspects 1653, 1669
 Chaparral 125
 Chaparral ecology 1366
Charadra ingenua 359
 Charadriiformes--Big Bend Region (Tex.) 1047
 Chiggers 398, 399
 Chihuahuan chub 656
 Chihuahuan Desert--Congresses 1363, 1387, 1393
 Chipmunks--Morphology 1245
 Chiroptera 405, 1161, 1326
 Chiroptera--Big Bend National Park (Tex.) 1135, 1137
 Chisos Mountain hedgehog cactus (see also
 Echinocereus chisoensis) 221
 Chisos pitaya 212
Chrysemys concinna 713
Chrysemys scripta 713
 Chrysomelidae 449
 Cicadidae 432
Cichlasoma cyanoguttatum 499, 645
 Cichlidae 539, 540, 600, 646
Cicindela 381
 Clark's nutcracker 864
 Climatic changes--Chihuahuan Desert 1369
 Climatology--Mexican-American Border Region 1886
 Climbing plants 51, 328
Cnemidophorus 684, 686, 742, 746, 748
Cnemidophorus dixonii 779
Cnemidophorus scalaris 736
Cnemidophorus tessellatus 766
Cnemidophorus tigris 736
 Coal-fired power plants--Mexico 1893
 Coastal ecology 1859
 Coastal ecology--Bibliography 1916, 1924
 Coastal zone management 1429
 Coccidia 1181
Coleonyx 682
Coleonyx brevis 761
Coleonyx reticulatus 735
 Coleoptera 349, 388, 390, 395, 396, 397, 404, 418,
 437, 447, 449
 Coleoptera--Big Bend National Park (Tex.) 345, 346,
 350
 Coleoptera--Mexico 216, 350, 419
 Colima warbler (see also *Vermivora crissalis*) 909,
 912, 994, 1021
Colinus virginianus 832, 833, 915, 916, 917
 Collared peccary 1079, 1081, 1148, 1180, 1194, 1226
 Colonias 1628
Coluber constrictor 708
 Colubridae 708
 Columbidae 806, 865, 972, 978
 Columbine 229

- Comanche Springs pupfish 637
 Compositae 241, 246, 247, 248, 249, 251, 252, 253, 261, 272
 Coniitini 436
 Conservation of natural resources 1485, 1487, 1614
Contracaecum 737
Cophosaurus texanus 715, 716
 Copper industry and trade--Environmental aspects 1897
 Copper--Toxicology 1822, 1868
 Cormorants 820, 952, 1001, 1838
Corvus cryptoleucus 786
 Corydalidae 460
Coryphantha minima 208
Coryphantha ramillosa 194, 211
 Cossidae 356
 Cotton--Diseases and pests 216, 1840, 1841
 Cotton rats 1076, 1115, 1166, 1254, 1281
 Cottontails 1106
 Cottonwood (see also *Populus fremontii*) 293, 1283
 Couch's Mexican jay 920
 Couch's spadefoot toad (see also *Scaphiopus couchii*) 1816
 Couchianus 626
 Cowbirds 844, 933, 984, 1036
 Coyotes (see also *Canis latrans*) 1060, 1109, 1218, 1320, 1321
 Cranes (Birds)--Mexico 842
 Creosote bush 301, 326
Crotalus atrox 719
Crotalus lepidus lepidus 669
Crotalus molossus molossus 669
Crotalus scutulatus 719
Crotaphytus reticulatus 724
 Cruciferae 222
 Crustacea 459, 475, 486, 1630
Cryptadius triplehorni 350
Cryptantha crassipes 244
 Ctenuchidae 355
Culicoides 470
 Curculionidae 371, 404
 Curculionidae--Mexico 216
 Curculionoidea 345
 Cutthroat trout 550
 Cyperaceae 217
Cyprinella lutrensis 603
 Cyprinidae 502, 505, 508, 509, 510, 511, 521, 526, 568, 572, 585, 603
 Cypriniformes 636
Cyprinodon 532, 546, 611, 613
Cyprinodon bovinus 533, 544, 596, 640
Cyprinodon elegans 514, 527, 534, 650, 657
Cyprinodon eximius 528, 572, 611
Cyprinodon latifasciatus 609
Cyprinodon pachycephalus 625
Cyprinodon pecosensis 512, 531, 547, 598
Cyprinodon variegatus 512, 534, 544, 650, 657
 Cyprinodontidae 514, 527, 531, 532, 534, 572, 582, 616, 637, 640, 650
 Cyprinodontidae--Mexico 657
Cyrtinus 390
Cyrtonyx montezumae mearnsi 995
 Dams 1659, 1661
 Damselflies 465
Dasypyga salmicolor 355
 Davis' green pitaya cactus 207
 DCPA--Environmental aspects 1833
 DDT (Insecticide)--Environmental aspects 1741, 1742, 1764, 1778, 1804, 1809, 1811, 1878
 Decapoda 458, 486
 Deer--Big Bend National Park (Tex.)--Ecology 1202, 1241
 Deer--Counting 1098, 1127, 1193, 1314, 1322
 Deer--Ecology 1191, 1192, 1204, 1216
 Deer--Effect of habitat modification on 1191
 Deer--Feeding and feeds 313, 1061, 1062, 1063, 1094, 1105, 1204, 1278, 1307
 Deer--Geographical distribution 1061, 1240
 Deer--Guadalupe Mountains (N.M. and Tex.)--Feeding and feeds 1279
 Deer--Habitat 1090, 1119, 1192, 1233
 Deer hunting 1182
 Deer--New Mexico 1210
 Deer--Nutrition 1278
 Deer--Productivity 1064
 Deer--Research 1175
 Deer--Texas--Control 1117
 Dendrochronology 299, 319, 325
 Dendrochronology--Big Bend National Park (Tex.) 318, 324
Dermochelys coriacea 727
 Desert bighorn sheep (see also *Ovis canadensis nelsoni*) 1173, 1262
 Desert biology 2, 1445, 1461
 Desert ecology 471, 659, 839, 1285
 Desert ecology--Congresses 1387, 1393
 Desert fauna 622, 647, 1338
 Desert flora 49, 138, 168, 170
 Desert flora--Big Bend National Park (Tex.) 143, 167, 169
 Desert flora--Chihuahuan Desert 34
 Desert flora--Guadalupe Mountains (N.M. and Tex.) 38
 Desert flora--Mexico 100
 Desert flora--Trans-Pecos (Tex. and N.M.) 160, 1338
 Desert millipede (see also *Orthoporus ornatus*) 374
 Desert mule deer (see also *Odocoileus hemionus crooki*) 1096, 1109, 1206, 1208, 1209, 1219, 1221, 1240, 1258, 1261
 Desertification--Big Bend National Park (Tex.) 1379
 Devils River minnow 549

- Diamondback water snake 725
Dichromanassa rufescens 943
Dicotyles tajacu 1144, 1146, 1226
 Dieldrin--Environmental aspects 1778, 1783
Dionda diabolii 549, 568, 572
Diplocentrus bigbendensis 426
 Diplopoda 373
Dipodomys 1160
Dipodomys merriami ambiguus 1121
Dipodomys ordii 1087, 1088, 1102
 Diptera 446, 470, 492
 Dragonflies 465, 489
 Drinking water---Abstracts--Data bases 1908
 Drinking water--Contamination 5, 1682, 1687
 Drinking water--Texas--Brownsville 1736
 Ducks 857
 Ducks--Behavior 948
 Ducks--Effect of insecticides on 1783
 Ducks--Effect of pesticides on 1843, 1877
 Ducks--Effect of water pollution on 1790
 Ducks--Food 941
 Ducks--Laguna Madre (Tex.)--Mortality 942
 Ducks--Nests 837
 Ducks--Toxicology 1832, 1873, 1876
Dysmicohermes 460
Echinocereus 234
Echinocereus chisoensis 86, 212, 221
Echinocereus coccineus 259
Echinocereus enneacanthus 189
Echinocereus reichenbachii chisoensis 177, 180, 275
Echinocereus viridiflorus 207, 227
Echinocereus x lloydii 259, 264
 Ecnomidae 456
 Ecological surveys--Big Bend National Park (Tex.) 102, 1329, 1339, 1340, 1347, 1349, 1352, 1353, 1354
 Ecological surveys--Laguna Madre (Tex.) 1420
 Ecological surveys--Lower Rio Grande Valley (Tex.) 1649
 Ecological surveys--Mexico--Coahuila 1337, 1348
 Ecological surveys--New Mexico--Animas Mountains 1331
 Ecological surveys--Texas 1327
 Ecological surveys--Texas--Arroyo Colorado 1328
 Ecological surveys--Texas--Palo Alto Battlefield National Historic Site 1330, 1341
 Ecology--Abstracts--Data bases 1906
 Ecology--Big Bend National Park (Tex.) 1351, 1352, 1353, 1390
 Ecology--Laguna Madre (Tex.) 1437
 Ecology--Lower Rio Grande Valley (Tex.) 1386
 Ecology--Texas--Southwest 1397
 Ecosystem management--Southwest, New--Congresses 1417
Ectemnius centralis 386
 Ectoparasitic infestations 735, 1000, 1130, 1317
 Edwards Aquifer (Tex.)--Bibliography 1922
 Egrets (see Herons) 851
Egretta rufescens 1812
Eimeria 1256
 Eimeriidae 1181
Elaphe subocularis 691, 780
Eleodes 437
 Elephant Butte Reservoir (N.M.) 1675
 Elf owl 794, 893
 Elk--Habitat 1243
 Endangered species 7, 191, 207, 208, 210, 211, 213, 219, 220, 221, 241, 242, 244, 275, 303, 527, 529, 569, 574, 637, 638, 639, 640, 655, 660, 668, 875, 900, 975, 990, 1006, 1237, 1299, 1301, 1304, 1305, 1306
 Endangered species--Big Bend National Park (Tex.) 86, 177, 197, 212, 560, 575, 661, 793
 Endangered species--Effect of habitat modification on--Bibliography 1921
 Endangered species--Law and legislation 588
 Endangered species--Lower Rio Grande Valley (Tex.) 59, 1605, 1610, 1611
 Endangered species--Mexican-American Border Region 8, 1606
 Endangered species--Mexico 524
 Endangered species--New Mexico 556, 656, 1607
 Endangered species--Texas 117, 134, 218, 267, 537, 545, 548, 665, 775, 1116, 1176, 1197, 1300, 1403, 1608, 1609, 1612
 Endemic plants 138, 144, 147
 Endemic plants--Big Bend Region (Tex.) 184
 Endemic plants--Mexico--Cuatro Ciénegas 237
 Environmental health 1638
 Environmental impact analysis 1580, 1582, 1629
 Environmental impact analysis--Big Bend National Park (Tex.) 1590
 Environmental impact analysis--Mexico--Sierra Madre Occidental 1484
 Environmental impact analysis--Rio Grande Watershed 1671
 Environmental impact analysis--Texas--Cameron County 1669
 Environmental impact statements 1653, 1655, 1657, 1658
 Environmental law 1631, 1639
 Environmental monitoring 1402, 1414, 1532, 1646, 1701, 1786, 1849, 1859
 Environmental monitoring--Texas 1911
 Environmental policy 1620, 1639, 1642, 1893
 Environmental protection 1377, 1613, 1621, 1636, 1642
 Environmental protection--Lower Rio Grande Valley (Tex.) 1575
 Environmental protection--Mexican-American Border Region 1641, 1643, 1644, 1645

- Environmental protection--Mexican-American Border Region--Directories 1928
 Environmental protection--Texas 1934
 Ephemeroptera 452, 468, 472
Epithelantha--Big Bend Region (Tex.) 188
Erora 415
 Erosion--Mexican-American Border Region 1490
 Estuaries 1440
 Estuaries--Environmental aspects 1859
 Estuarine ecology 1425, 1430, 1440, 1752
 Estuarine ecology--Texas--Charts, diagrams, etc.--Periodicals 1692
 Estuarine fauna--Laguna Madre (Tex.) 805
 Estuarine fauna--Rio Grande 632
 Estuarine pollution 1752, 1817, 1867
 Estuarine sediments 1741, 1752
 Etheostominae 649
Ethmia angustalatella 368
 Ethnobotany 63, 75, 111, 1447
Eucerceris 420
Eucosma 361
 Eucosmini 358
Euderma maculatum 1134
Eumeces tetragrammus 783
Euphorbia chaetocalyx 86, 214
 Euphorbiaceae 232, 288
Eusattus 436
Eutamias 1181
Eutamias--Organ Mountains (N.M.) 1245
Eutamias quadrivittatus 1246
Ewingana (Doreyana) *doreyae* 448
 Exotic fishes 1631
 Exotic plants 1631
 Extinct animals 609, 617
 Factory and trade waste. 1638, 1759
Falco 1787
Falco femoralis 899
Falco peregrinus 975, 999, 1006
Falco peregrinus--Big Bend National Park (Tex.) 856, 877, 932, 935
Falco peregrinus--Big Bend Region (Tex.) 879, 894, 934, 937
Falco peregrinus--Breeding 902, 914
Falco peregrinus--Chihuahuan Desert 886
Falco peregrinus--Effect of pesticides on 884, 1809, 1810
Falco peregrinus--Habitat 980
Falco peregrinus--Nests 814, 1048
Falco peregrinus--New Mexico 898
Falco peregrinus--Texas 890
Falco ruficularis 824
 Falcon Reservoir (Mexico and Tex.) 1650
 Falcons (see also *Falco*) 900
 Falcons--Behavior 847
 Falcons--Big Bend National Park (Tex.) 889
 Falcons--Chihuahuan Desert 887
 Falcons--Ecology 888
 Falcons--Effect of pesticides on 1787, 1800, 1801, 1802, 1806
 Falcons--Mexico 878, 910, 911, 951, 1820
 Falcons--Migration--Padre Island (Tex.) 825
 Falcons--Nests 890, 895, 896
 Falcons--Texas 891
 False agave 205
 Felidae 1100, 1176, 1183, 1263, 1298, 1300
 Felidae--Mexico 1162
Felis concolor 1239
Felis concolor--Big Bend National Park (Tex.) 1247
Felis concolor stanleyana 1229
Felis pardalis 1304
Felis yagouaroundi 1163, 1306
 Feral swine 1143
Festuca ligulata 199, 243
Ficimia cana 738
 Fire ant 344
 Fire ecology 1366, 1367
 Fire ecology--Big Bend National Park (Tex.) 1371, 1380, 1381, 1382, 1383, 1384, 1395
 Fire ecology--Texas--El Paso County 1396
 Fire ecology--Trans-Pecos (Tex. and N.M.) 1368
 Fish kills 1674
 Fish populations 9, 532, 536, 548, 550, 592, 617, 622, 627, 640, 653
 Fish populations--Chihuahuan Desert 522, 566
 Fish populations--Mexico 520, 624, 631, 642
 Fish populations--New Mexico 651, 656
 Fish populations--Texas--Devils River 555
 Fish stocking 601, 1630
 Fisheries--Mexico 518, 525
 Fisheries--Texas 602
 Fisheries--United States 592
 Fishery management 645
 Fishes 559, 565, 591, 662
 Fishes--Abnormalities 563
 Fishes--Big Bend National Park (Tex.) 562
 Fishes--Big Bend Region (Tex.)--Geographical distribution 583
 Fishes--Breeding 543
 Fishes--Chihuahuan Desert 612
 Fishes--Classification 500, 501, 502, 526, 625
 Fishes--Collection and preservation 494
 Fishes--Ecology 9, 536
 Fishes--Effect of chemicals on 1753, 1824, 1866
 Fishes--Effect of habitat modification on 539, 540, 576
 Fishes--Effect of insecticides on 1744, 1777, 1797, 1799
 Fishes--Effect of pesticides on 1744, 1755, 1813, 1848
 Fishes--Effect of water levels on 555, 1650
 Fishes--Effect of water pollution on 1798, 1827, 1830, 1847, 1849, 1850, 1858, 1865, 1866, 1868, 1869

- Fishes--Effect of water quality on 592
 Fishes--Effect of water temperature on 645, 646
 Fishes--Evolution 608
 Fishes, Fresh-water--Mexico 605, 606, 614
 Fishes, Fresh-water--Texas 498, 561, 564, 571, 597
 Fishes--Geographical distribution 22, 504, 537, 541, 550, 561, 633, 648, 653, 660
 Fishes--Habitat 504
 Fishes--Identification 571
 Fishes--Lower Rio Grande Valley (Tex.) 654
 Fishes--Mexican-American Border Region 554
 Fishes--Mexico 516, 525, 530, 616, 634, 664
 Fishes--Mexico--Chihuahua 663
 Fishes--Mexico--Coahuila 523, 609, 620, 626, 643
 Fishes--Mexico--Geographical distribution 605
 Fishes--Mexico--Nuevo Leon 517, 519, 641
 Fishes--Mexico--Tamaulipas 641
 Fishes--New Mexico 599, 628, 629, 652
 Fishes--Research--Bibliography 1939
 Fishes--Rio Grande 577, 586
 Fishes--Seasonal distribution 513
 Fishes--Speciation 522
 Fishes--Texas 1631
 Fishes--Texas--Brewster County--Seasonal distribution 580
 Fishes--Texas--Brownsville 589
 Fishing 635
 Fishing surveys--Texas--Cameron County 607
 Fishing surveys--Texas--Fort Brown Lake 607
 Flathead catfish 551, 552, 553, 1920
Flaveria 256
Flaveriinae 256
 Flavonoids 272
 Flies 448
 Flood control 1536, 1648, 1654, 1662, 1670
 Floodplain 297, 1505
 Floods 1535, 1623
 Fluorides 1687
 Flycatchers 1055
 Forage 1204, 1278
 Forage plants 312, 313, 314, 322, 1169
 Forage plants--Guadalupe Mountains (N.M. and Tex.)--Analysis 1279
 Forest surveys--Guadalupe Mountains (N.M. and Tex.) 316
 Forestry projects--Mexico 1484, 1485
 Forests 1361
 Forests and forestry--Multiple use 315
 Formicidae 344, 439, 443, 444, 446
Fouquieria splendens 1388
 Fourwing saltbush 322
 Foxes 1109, 1287
Frankenia johnstonii 242
 Freshwater flora 89
 Freshwater invertebrates 482
 Fulvous whistling duck 857, 1783
Fundulus zebrinus 598
 Fungi--Big Bend Region (Tex.) 192, 193
 Fungi--Mexico 190
 Fur-bearing animals 1158
 Fur-bearing animals--Texas--Bibliography 1932
Gambusia 567, 579, 618, 1777
Gambusia amistadensis 574, 630
Gambusia gaigei 560, 573, 581, 582, 584, 639, 644, 655, 661
Gambusia geiseri 570
Gambusia nobilis 503, 535, 570, 578, 638
 Game and game-bird stocking 1147
 Game and game-birds--Mexico 495
 Game bird management 919, 1019, 1037
 Gar 635
 Gastropoda--Big Bend National Park (Tex.) 428
 Gastropoda--Texas--El Paso County 337
 Geckos 682, 735, 761
 Geese--Effect of insecticides on 1779, 1881
 Geese--Mexico 1005
 Geochemistry--Big Bend Region (Tex.) 1504
 Geography--Abstracts--Data bases 1906
 Geography, Historical--Lower Rio Grande Valley (Tex.) 1452
 Geology 1509
 Geology--Abstracts--Data bases 1906, 1907
 Geology--Big Bend National Park (Tex.) 1548
 Geology--Big Bend Region (Tex.) 1524
 Geology--Guadalupe Mountains (N.M. and Tex.) 1544
 Geology--Rio Grande Valley 1545, 1552
 Geology--Starr County (Tex.) 1522
 Geology--Texas--South 82
 Geometridae 351, 356, 376
 Geomorphology--Mexico 1558
 Geomyidae 1257
 Geothermal resources 1528, 1538, 1539
 Germination 148
 Germplasm resources 111
 Giant dagger 238
 Giant water bug 488
Gila nigrescens 656
Gila pandora 615, 621, 636
Glaucina mayelisaria 351
Glyphocystis 357
 Gnatcatchers 984
 Gobiidae 538
Gopherus berlandieri 666, 726, 728, 729, 730, 762, 763, 764
 Grackles 802, 957, 971, 986, 1826, 1834, 1862
 Grasses 36, 204, 228, 258, 289
 Grassland ecology 1372
 Grassland ecology--Big Bend National Park (Tex.) 99, 1362
 Grasslands 83, 170, 1361

- Grasslands--Big Bend National Park (Tex.) 169
 Grasslands--Mexico 37, 268
 Grasslands--Texas--Brewster County 112
 Gray vireo (see also *Vireo vicinior*) 796
 Grazing 1378, 1492
 Great kiskadee 815, 870
 Greater earless lizard 716
Grotella blanchardi 400
 Groundwater (see Water, Underground) 1507
 Guadalupe Mountains National Park (Tex.) 1374
 Guadalupe Mountains National Park (Tex.)--
 Bibliography 1914, 1917
 Guano 405
 Guayule 330
 Gulf Intracoastal Waterway 1652, 1664, 1667, 1668
 Gulls--Breeding 1882
 Habitat (Ecology) 1268
 Habitat (Ecology)--Bibliography 1939
 Habitat (Ecology)--Modification 1376, 1408
 Habitat (Ecology)--New Mexico 904
Haliaeetus leucocephalus 882
Halodule wrightii 1431
 Halophytes--Chihuahuan Desert 73
 Harlequin quail 1037
 Hawks 901
 Hazardous waste management industry 1771
 Hazardous wastes--Mexican-American Border Region
 1643, 1644, 1645, 1771
 Hazardous wastes--Mexico 15, 1634
 Heavy metals 1760, 1832, 1869
Hechtia scariosa 205, 233, 271
 Heleidae 470
 Heliconiidae 391
Helix aspersa 414
 Helminthoglyptidae 408
Hemidactylus turcicus 700
 Hemiptera 464, 484, 485
 Herbicides--Environmental aspects 1754, 1755, 1816,
 1833, 1856
 Herbivores 1378
 Herons 851, 943
 Herons--Toxicology 1812
 Herpetology--Texas 775
 Heteromyidae 1214
Hexorthodes 367
 Hinckley oak 303
 Historic sites 1342
Holbrookia 684, 686
Holbrookia propinqua 721, 722, 723, 731, 765, 771
 Home range--Big Bend National Park (Tex.) 1282
 Horned lizard 677, 693
 Hot springs 563, 1516, 1537
 Huisache 296
 Human-animal relationships 1092
 Human ecology 1386
Humboldtiana agavophila 408
 Hummingbirds 859, 955, 967, 983, 1012, 1388
 Hummingbirds--Big Bend National Park (Tex.) 905,
 906, 907, 1027, 1046
 Hurricanes 1428, 1532, 1535
Hybognathus amarus 506, 505, 526
 Hydrocarbons--Environmental aspects 1789, 1832
 Hydrogeology--Big Bend National Park (Tex.) 1506
 Hydrogeology--Big Bend Region (Tex.) 1504
 Hydrology 1514, 1523
 Hydrology--Bibliography 1938
 Hydrology--New Mexico 1515
 Hymenoptera 344, 375, 386, 387, 401, 416, 420, 439,
 443, 444, 446
 Ibis 1782, 1823
 Ichthyology--Lower Rio Grande Valley (Tex.) 654
 Ichthyology--Mexico 604, 610
 Ictaluridae 594, 595
Ictalurus furcatus 558
Ictalurus lupus 593, 595
Icterus gularis 966
Icterus wagler 1029
Ictiobus bubalus 587
 Iguanidae 695, 696, 697, 698, 710, 715, 716, 731, 732,
 771
 Insect pests--Control 1841
 Insecticides 1471, 1750, 1764, 1765, 1766, 1811,
 1840, 1841, 1846
 Insecticides--Big Bend National Park (Tex.) 1747,
 1748
 Insects, Aquatic--Big Bend National Park (Tex.) 454
 Insects, Aquatic--Big Bend Region (Tex.) 488
 Insects, Aquatic--Texas 473
 Insects--Big Bend National Park (Tex.) 25, 331, 338,
 339, 340, 341, 343
 Insects--Host plants 369, 370
 Insects--Texas--Brewster Co. 1819
 Intertidal fauna 1860
 Introduction of animals 540, 1630
 Invertebrates--Big Bend National Park (Tex.) 342
 Iron 1868
 Irrigation 1399, 1469, 1480, 1494
 Irrigation water 1475, 1477, 1478
 Irrigation water--Quality 1476, 1483, 1740, 1844
 Irrigation water--Return flow 1467, 1468, 1489
 Island ecology--South Padre Island (Tex.: Island)
 1426, 1427
 Isopoda--Big Bend National Park (Tex.) 459
 Isoptera 445
 Jackrabbits 1389
 Jackrabbits--Effect of pesticides on 1793
 Jaguars 1297, 1305
 Jaguarundis (see also *Felis yagouaroundi*) 1253, 1300
 Javelina (see also *Dicotyles tajacu*) 1093, 1145
 Jays 920

- Johnston's frankenia* 242
 Jumping mice (see *Zapus*) 1167
 Kangaroo rat (see also *Dipodomys ordii*) 1102
 Karst--Edwards Plateau (Tex.) 1511
 Keeled earless lizard (see also *Holbrookia propinqua*) 723
 Killifishes 598
 Kinetoplastida 334
 King snakes 703
 Kingbird 1024
 Kingfishers 928
 Kinosternidae 681
Kinosternon flavescens 713
 Kit fox 1287
 Lacertilia 731
 Laguna Madre (Tex.) 834, 941, 1422, 1425, 1430, 1431, 1437, 1439, 1441, 1442, 1652, 1752, 1770
Lampornis clemenciae 1012
Lampropeltis mexicana 703
 Land use--Big Bend National Park (Tex.) 1599
 Land use--Lower Rio Grande Valley (Tex.) 1493, 1500, 1581, 1583, 1584
 Land use--New Mexico--Dona Ana County 1627
 Land use, Rural 869
Laphamia 252
 Largemouth black bass 542
Lasiurus blossevillei 1161
Lasiurus borealis--Big Bend National Park (Tex.) 1277
 Laughing gull 1882
 Lead 1868
 Least tern (see also *Sterna antillarum*) 1004
 Leatherback turtle 727
 Lechuguilla 201
 Leguminosae 274
 Leon Springs pupfish (see also *Cyprinodon bovinus*) 640
 Lepidoptera 355, 356, 357, 358, 360, 361, 362, 364, 367, 377, 391, 393, 415
 Lepidoptera--Big Bend National Park (Tex.) 351, 353, 376, 378, 379
 Lepidoptera--Big Bend Region (Tex.) 433, 434
 Lepidoptera--Host plants 392, 1471
Lepomis microlophus 499
Leptonycteris nivalis 1237
Leptonycteris nivalis--Big Bend National Park (Tex.) 405, 1136, 1184, 1189, 1190
 Leptophlebiidae 468
 Leptopinarra 347
Lepus californicus 1793
 Levees--Environmental aspects 1655
 Lichens--Big Bend National Park (Tex.) 286, 287, 1903, 1904
 Limnology--Big Bend National Park (Tex.) 1705
 Limnology--Guadalupe Mountains National Park (Tex.) 1412
 Limnology--Texas--Bibliography 1923
Liometopum apiculatum 439
 Little Aguja pondweed 220
 Livestock 226, 1090, 1402, 1407, 1408, 1414
 Lizards 695, 697, 716, 722, 742, 744, 746, 1788
 Lizards--Age 717
 Lizards--Behavior 747, 750
 Lizards--Big Bend National Park (Tex.) 676, 684, 685, 686, 688, 689, 715, 736, 749
 Lizards--Ecology 698, 702, 710
 Lizards--Food 696, 723, 743, 761, 770
 Lizards--Locomotion 718
 Lizards--Metabolism 673, 711, 721, 759
 Lizards--Mexico 783
 Lizards--Texas--Brewster County 748
 Lloyd's hedgehog cactus 264
 Lloyd's mariposa cactus--Big Bend National Park (Tex.) 197
 Lloyd's mariposa cactus (see also *Neolloydia mariposensis*) 210, 284
 Loasaceae 263, 273
 Locoweed (see also *Astragalus*) 239
 Long-horned beetles (see Cerambycidae) 389
 Lower Rio Grande Valley (Tex.)--Ecology 1386
 Lower Rio Grande Valley (Tex.)--Economic conditions 1616
 Lower Rio Grande Valley (Tex.)--Environmental conditions 1616
 Lower Rio Grande Valley (Tex.)--History 1458
 Lower Rio Grande Valley (Tex.)--Industries--Directories 1925, 1927, 1926
 Lucifer hummingbird (see also *Calothorax lucifer*) 859, 955, 983
 Lycaenidae 391, 415
Lynx rufus 1099
 Macrobrachium 467
Macrotus californicus 1255
 Malvaceae 216
 Mammals--Big Bend National Park (Tex.) 1087, 1088, 1139, 1196, 1201, 1224, 1316
 Mammals--Big Bend Region (Tex.) 1091, 1291, 1323, 1324
 Mammals--Central America 1058
 Mammals--Chihuahuan Desert 1077, 1150, 1270, 1309
 Mammals--Guadalupe Mountains (N.M. and Tex.) 1120
 Mammals--Guadalupe Mountains National Park (Tex.) 1112, 1114
 Mammals--Mexican-American Border Region 16, 1235, 1236
 Mammals--Mexico 1057, 1059, 1066, 1074
 Mammals--Mexico--Bibliography 1252
 Mammals--New Mexico 1071, 1151

- Mammals--Texas 1057, 1085, 1116, 1123, 1125, 1197, 1198, 1222, 1238
 Mammals--Texas--Brewster County 1370
 Mammals--Texas--Chisos Mountains 1069
 Mammals--Texas--Culberson County 1124
 Mammals--Texas--Davis Mountains 1084
 Mammals--Texas--Santa Ana Wildlife Refuge 1159
 Mammals--Texas--Southwest 1086
 Mammals--Texas--West 1185, 1200
 Mammals--Trans-Pecos (Tex. and N.M.) 1271
 Mangrove plants 1424
Manihot walkerae 191
 Marine fishes--Rio Grande 632
 Marine pollution--Gulf Coast 1741
 Marine sediments 1566, 1741, 1867
 Marsh ecology 1870
 Mayflies 452, 472
 Meadow-larks 1000
 Mearns' quail (see also *Cyrtonyx montezumae mearnsi*) 862
 Medicinal plants 63
 Mediterranean fruit fly--Control 1854
 Mediterranean gecko 700, 781
 Megaloptera 460
Megathymus 377
Meleagris gallopavo intermedia 863, 968
Melittaea 434
 Meloidae 447
 Mercury--Big Bend Region (Tex.)--Environmental aspects of 1776, 1807, 1808
 Mercury--Texas--Brewster Co. 1819
 Mercury--Toxicology 1753, 1788, 1798
 Mergansers 805, 977
Mergus serrator 805, 977
 Metals--Environmental aspects 1714, 1868, 1875
 Metazoa 985
 Meteorology--Big Bend National Park (Tex.) 1892, 1900, 1901, 1902
 Mexican-American Border Region 11, 1332, 1451, 1453
 Mexican-American Border Region--Climate 1886
 Mexican-American Border Region--Description and travel 1443
 Mexican-American Border Region--Environmental conditions 1619, 1638, 1805, 1893, 1894
 Mexican-American Border Region--Recreational use 1572
 Mexican banded tetra 542
 Mexican duck (see also *Anas diazi*) 881
 Mexican honey wasp 429
 Mexican long-nosed bat (see also *Leptonycteris nivalis*) 1184
 Mexican stoneroller 508
 Mexican woodrat 1286
 Mexico--Coahuila--Climate 110
 Mexico--Coahuila--Ecological surveys 1337
 Mexico--Environmental conditions 1568
 Mice 1188, 1213, 1214, 1269, 1325
 Microbial contamination 1721
Microdon 446
 Microorganisms--Big Bend National Park (Tex.) 483
Micropterus salmoides 542
Microtus 1154
Microtus pennsylvanicus 1067
 Millipedes 373, 374, 403, 421, 450
 Mistletoes 240
 Mites 448
 Mockingbirds 854
 Moles 1072
 Mollusks 333, 335, 487, 541, 1630
 Mollusks, Fossil 336, 453, 475
 Mollusks--Guadalupe Mountains (N.M. and Tex.) 332
 Mollusks--Laguna Madre (Tex.) 491
Molothrus ater 933
 Molybdenum--Toxicology 1822
 Monarch butterfly 402
Monomorium 446
 Mosquitoes--Big Bend National Park (Tex.) 480
 Mosquitoes--Control 1846
 Mosses--Big Bend National Park (Tex.) 230, 231
 Moths 352, 354, 356, 357, 359, 365, 367, 400
 Moths--Big Bend National Park (Tex.) 363, 366, 368
 Mottled rock rattlesnake (see also *Crotalus lepidus lepidus*) 670, 671, 672
 Mountain lions--Big Bend National Park (Tex.) 1103, 1156, 1218, 1244, 1265, 1266, 1308, 1311, 1312, 1313
 Mountain lions (see also *Felis concolor*) 1092, 1242, 1249, 1310
 Mountains--Mexico--Coahuila 1556
 Mourning dove (see also *Zenaida macroura*) 866
 Mugilidae 519
 Mule deer (see also *Odocoileus hemionus*) 1098, 1110, 1259
 Muskrats (see also *Ondatra zibethicus*) 1288
 Mussels, freshwater--Ecology 478
 Mussels, freshwater--Mexico--Chihuahua 469
 Mussels, freshwater--Pecos River (N.M. and Tex.) 474
 Myobiidae 448
Myotis fortidens 1153
Myotis lucifugus 1153
Myotis occultus 1153
Nama 237
 National parks and reserves--Chihuahuan Desert 1603
 National parks and reserves--Law and legislation 1586
 National parks and reserves--Mexico 1, 10, 1569, 1571, 1600
 National parks and reserves--Texas--Planning 1595
 National parks and reserves--Visitors 1087
Natrix 679

- Natural areas--Directories 1588
 Natural areas--Texas--Presidio County 1343, 1344
 Natural areas--Texas--Rio Grande-Falcon Thorn
 Woodland 1336
 Natural areas--Texas--Solitario 1345
 Natural history--Big Bend Region (Tex.) 1461
 Natural history--Mexican-American Border Region 2,
 11, 1445, 1453
 Natural history--Mexico 1455, 1464
 Natural history--Texas 137
 Natural resources--Chihuahuan Desert--Congresses
 1363, 1387
 Natural resources--International cooperation 1613
 Natural resources--Management--Big Bend National
 Park (Tex.) 1602
 Natural resources--Mexican-American Border Region
 1342, 1643, 1644, 1645
 Natural resources--Terminology 1935
 Nature--Effect of human beings on--Texas--Chisos
 Basin 1604
 Naucoridae 464, 484, 485
 Nellie Cory cactus 208
 Nelson pocket mouse 1128
Neochoroterpes 468
Neolloydia mariposensis 210, 284
Neotoma 1113
Neotoma mexicana 1286
 Neotropic cormorant 1001
Nerodia rhombifer 725
 Neuroptera 481
 New Mexico--Description and travel--Early works to
 1800 1456
 Night-blooming cereus 196
 Noctuidae 352, 354, 356, 359, 360, 363, 367, 400
 Northern aplomado falcon 900
 Notodontidae 353, 356
Notophthalmus meridionalis 724
Notropis chihuahua 509
Notropis lutrensis 521
Notropis orca 505, 511
Notropis ornatus 521
Notropis panarcys 586
Notropis proserpinus 586
Notropis saladonis 565
Notropis simus 511
Notropis simus simus 505
Nycteriglyphus 405
 Nymphalidae 391
 Oak 329
Obrium 397
 Ocelots 1122, 1176, 1253, 1274, 1299, 1300, 1301,
 1304, 1851
 Ocotillo 1388
Odocoileus hemionus 1061, 1062, 1063, 1064, 1065,
 1094, 1095, 1147, 1175, 1292
Odocoileus hemionus crooki 1097, 1111, 1202, 1216,
 1220, 1248
Odocoileus virginianus 1108, 1118, 1142, 1182, 1187,
 1234
Odocoileus virginianus carminis 1068, 1202, 1207
 Odonata--Big Bend Region 465
 Oedemeridae 348
 Oil spills and wildlife 1817, 1860
 Olive sparrow 1054
Oncocnemis cottami 354
Oncocnemis heterogena 354
Oncorhynchus clarki virginalis 550
Ondatra zibethicus 1186, 1288
Onychomys 1160
Opuntia--Big Bend National Park (Tex.) 182
Opuntia--Big Bend Region (Tex.) 181, 183, 184
Opuntia densispina 266
Opuntia schottii 265
Orconectes virilis 458
Oreochromis aureus 662
 Organochlorine compounds 1762, 1767, 1768, 1770,
 1789, 1797, 1799, 1803, 1820, 1829, 1831, 1832,
 1835, 1837, 1839, 1843, 1848, 1849, 1850, 1871,
 1872, 1873, 1874, 1876, 1879
 Organophosphorus compounds--Environmental aspects
 1760, 1774, 1785
 Orioles 858, 966, 1029
Ortalis vetula 1015
Orthoporus ornatus 373, 403, 450
 Orthoptera--Big Bend Region (Tex.) 435
Oryzomys couesi 1078
Oryzomys palustris 1273
 Osteichthyes 595
Ovis canadensis 1165, 1217
Ovis canadensis nelsoni 1168, 1169, 1170, 1262
 Owls 794, 893, 924
Oxaxis angustata 348
Oxycopsis howdeni 348
 Ozone 1886, 1895, 1896
Palaemonetes 486
 Paleo-Indians--Texas--Val Verde County 1449
 Paleobotany 163, 164
 Paleoclimatology 163
 Paleoecology 705
 Paleoecology--Chihuahuan Desert 778
 Paleontology--Guadalupe Mountains (N.M. and Tex.)
 493
 Paleontology--Guadalupe Mountains National Park
 (Tex.)--Quaternary 1546
 Palms 195
Panthera onca 1305
 Panthers (see also Mountain lions) 1141
 Papaveraceae 250
Pappothrix 248
Paramiana callaisata 354

- Parthenium* 330
Parulidae 1038
Paruroctonus 423
Passeriformes 870
Pastures 1492
Peccaries (see also *Dicotyles tajacu*) 1080
Pecos gambusia 503, 535, 638
Pecos pupfish 512, 531, 547, 658
Pelicaniformes 952
Pelicans 903
Pelocoris 485
Percidae 649
Percina macrolepida 649
Peregrine falcon (see also *Falco peregrinus*) 825, 847, 878, 887, 888, 889, 891, 892, 895, 896, 911, 976, 989, 1008, 1774, 1800, 1801, 1802, 1806, 1811
Pereskia aculeata 178
Pericome 251
Peritylanae 247
Perityle 246, 247, 248, 249, 252, 253, 255, 257
Perityle rupestris 262
Perityle vaseyi 272
Peritylinae 251, 253
Perognathus 1160, 1250, 1318
Perognathus flavus 1213
Peromyscus 1160, 1256
Peromyscus boylii 1269
Peromyscus leocopus 1088
Pest introduction 565
Pesticides 1673, 1743, 1751, 1761, 1762, 1775, 1789, 1795, 1853, 1857
Pesticides and wildlife 766, 1745, 1746, 1754, 1763, 1778, 1780, 1781, 1782, 1784, 1813, 1821, 1825, 1826, 1831, 1835, 1848, 1849, 1855, 1874, 1877, 1878, 1879, 1880, 1881
Phalacrocorax brasilianus 1001
Phreatophytes 40, 317
Phrynosoma cornutum 677, 693
Phycitinae 355, 357
Phylloicus 457
Phyllophaga 389, 417, 418
Phyllophaga saylori 419
Phyllostomatidae 405, 1136
Physalis 185
Physical geography--Mexico--Chihuahua 1512
Phytogeography 95, 308
Phytogeography--Big Bend National Park (Tex.) 230
Phytophagous insects 370
Pinus spp. 294
Pipistrellus subflavus 1326
Piruna 379
Pitangus sulphuratus texanus 870
Plant chromosome numbers 121, 122, 247, 282, 283
Plant communities--Big Bend National Park (Tex.) 56, 86, 92, 158, 166
Plant communities--Edwards Plateau (Tex.) 327
Plant communities--Lower Rio Grande Valley (Tex.) 87
Plant communities--New Mexico 40
Plant communities--Texas 50, 168, 1609
Plant communities--Texas--Brewster County 1370
Plant communities--Texas--Santa Ana National Wildlife Refuge 145
Plant communities--Texas--Welder Wildlife Refuge 54
Plant diseases--Big Bend National Park (Tex.) 149
Plant names, popular 128
Plant phenology--Lower Rio Grande Valley (Tex.) 146
Plant propagation 199
Plant-soil relationships 1365, 1501
Plant succession 1054
Plants--Big Bend National Park (Tex.) 142, 152
Plants--Big Bend National Park (Tex.)--Analysis 31
Plants--Effect of cold on--Lower Rio Grande Valley (Tex.) 306, 307
Plants--Effect of light on 297
Plants--Effect of salts on 320
Plants--Effect on petroleum waste on 1870
Plants--Extinction 59
Plants--Habitat (Ecology)--Modification 1385, 1428
Plants--Identification 19, 46, 124, 302
Plants--Mexico--Coahuila 237
Plants--Physiological ecology 56, 57
Plants, Useful 41
Playas 1399
Plovers 1031
Plutonium--Environmental aspects 1792
Pocket gophers--Mexico--Coahuila 1073
Pocket gophers--New Mexico 1302
Pocket gophers--Texas 1257
Pocket mice 1083, 1128, 1199, 1213, 1214, 1215, 1227, 1250, 1318
Pocketed free-tailed bat (see also *Tadarida femorosacca*) 1133
Poecilia formosa 543
Poecilia latipinna 543
Poeciliidae 535, 626
Poeciliidae--Mexico 618
Pogonomyrmex barbatus 442
Poisoning 1743, 1795, 1853
Polistes--Big Bend National Park (Tex.) 401
Pollen--Big Bend National Park (Tex.) 35, 107
Pollen, Fossil--Amistad Reservoir (Tex.) 80
Pollination 223, 224, 238, 1385, 1388
Pollution--Economic aspects 1620
Pollution--Environmental aspects 1619, 1688, 1758, 1823, 1851, 1864, 1875
Pollution--Environmental aspects--Big Bend National Park (Tex.) 1814
Pollution--Environmental aspects--Lower Rio Grande Valley (Tex.) 1880

- Pollution--Measurement 1756, 1757
 Pollution--Mexican-American Border Region 1618, 1638
 Pollution--Physiological effect 1838, 1883
 Polybiinae 429
 Polychlorinated biphenyls 1762, 1775, 1835, 1836
 Polydesmida 421
 Polyploidy 122, 262
 Pond ecology 542, 1398
 Population biology--Methodology 1016
Populus fremontii 320, 1149
Potamogeton clystocarpus 220
 Potholes 1413, 1418
 Prairie flora 45
 Predatory animals 1111, 1265, 1308
 Prescribed burning--Big Bend National Park (Tex.) 1380
Prietella 559
Probezzia 492
Promus 437
 Pronghorn antelope (see also *Antilocapra americana*) 1174, 1289
Prosapia 372
 Protozoa 334, 1256
Pseudemys scripta gaigeae 714, 733
Pseudoclapia 254
Pseudohazis chinatiensis 433
Pseudotsuga menziesii var. *glauca* 294
 Pteridophyta 206
 Pupfish 527, 532, 546, 611, 613, 625, 640, 647, 658
Pylodictus olivaris 551, 552, 553, 1920
 Pyralidae 355, 356, 357, 366
 Quails 819, 832, 862, 919, 1019
 Quails--Big Bend National Park (Tex.) 1037
Quercus--Big Bend National Park (Tex.) 329
Quercus hinckleyi 303
Rabdotus schiedeanus 413, 414
 Rabies 1195
 Radioactive pollution 1792
 Radioactive waste disposal in the ground 1509
 Range ecology 296, 1365, 1369
 Range management 36, 43, 52, 53, 55, 322, 1090, 1119, 1166, 1367, 1372, 1474
 Range management--Mexico 1492
 Range plants--Texas--Identification 71
 Rare animals--Big Bend National Park (Tex.) 1224
 Rare fishes 505, 506, 527, 529, 537, 548, 560, 569, 574, 588, 617, 622, 623, 629, 637, 638, 640, 659, 660
 Rare fishes--Big Bend National Park (Tex.) 575, 584, 655, 661
 Rare fishes--Mexico 497, 524
 Rare fishes--New Mexico 556, 628
 Rare fishes--Texas 545, 665
 Rare plants 8, 44, 59, 77, 117, 126, 134, 177, 191, 197, 207, 208, 210, 211, 213, 218, 219, 220, 221, 241, 242, 244, 267, 275, 284, 303, 1606, 1609
 Rattlesnakes 668, 670, 672, 719
 Rattlesnakes--Big Bend National Park (Tex.) 669, 671
 Ravens 786
 Red bat (see also *Lasiurus borealis*) 1138
 Red-breasted mergansers 977
 Red-faced warbler 913
 Red shiner 603
 Reddish egrets 851, 852, 1812
 Redhead ducks 834, 948, 1790, 1832
 Refuse and refuse disposal 1759
Reithrodontomys 1188, 1325
 Remote sensing 203, 1424, 1646
 Reptiles 541, 675, 701, 741, 754, 776, 782, 1238
 Reptiles--Big Bend Region (Tex.) 21, 667, 674, 687, 720, 739, 751, 768, 773
 Reptiles--Chihuahuan Desert 680, 745, 769
 Reptiles--Collection and preservation 494
 Reptiles, Fossil 705, 778
 Reptiles--Lower Rio Grande Valley (Tex.) 23, 755, 760, 777
 Reptiles--Mexico 709, 734, 767
 Reptiles--Texas--Guadalupe Mountains 740, 753
 Research natural areas--Directories 1588
 Reservoir sedimentation 1675
 Reservoirs 1525, 1625, 1650, 1651, 1661, 1739
 Reticulated gecko 682
 Revegetation--Big Bend National Park (Tex.) 93
Rhinanisis chisosensis 404
Rhysodesmus chisosi 421
 Rice rats 1078, 1273
 Ridge-nosed rattlesnake 668
 Ringed kingfisher 928
 Rio Conchos 1749
 Rio Grande 1454, 1567, 1601, 1749
 Rio Grande chub (see also *Gila pandora*) 621
 Rio Grande cichlid 645
 Rio Grande--History 1450, 1457, 1465
 Rio Grande--Photographs 1446
 Rio Grande silvery minnow 505
 Rio Grande turkey (see also *Meleagris gallopavo intermedia*) 863, 869
 Rio Grande Valley (Tex.)--Effects of drought on 1559
 Riordinidae 392
 Riparian ecology 26, 850, 897, 1285, 1405, 1410, 1411, 1415, 1417, 1419, 1713
 Riparian ecology--Big Bend National Park (Tex.) 293, 1087, 1088, 1402, 1407, 1408, 1414, 1416
 Riparian flora 140, 327, 850, 1406
 River channels 1530, 1531, 1653
 River surveys 1465
 Rivers--Classification 1617
 Rivers--Regulation 1660

- Rivers--Texas 1707
 Rodents 1160, 1181, 1228, 1246, 1251, 1256
 Rodents--Big Bend National Park (Tex.) 1315, 1362, 1395
 Rosensteiniidae 405
 Rove beetles 349
 Runoff 1756, 1757, 1769
Ruppia maritima 1431
Sabal texana 195
 Salamanders 706
 Saline water conversion plants 1736
 Saline waters--Chihuahuan Desert 1401
 Salinity 1430, 1709
 Salinization--Control 1475, 1481
 Salt-bush 322
 Sandhill crane--Mexico 842
Sartwellia 254
 Saturniidae 433
 Sauria 716, 732, 742, 771
 Savannas 1361
 Scaled quail (see also *Callipepla squamata*) 819
Scalopus 1072
Scaphiopus couchii 757, 758, 1816
 Scarabaeidae 389, 417, 418, 419
Scelolyperus 449
Sceloporus 676
Sceloporus merriami 673, 695, 696, 697, 698, 710, 711, 712, 718, 747, 749
 Sciuridae 1181, 1246
 Scorpions 384, 422, 423, 425, 426, 427
 Screech owls 924
 Scrophulariaceae 236
 Sea turtles--Rio Grande 755
 Seagrasses--Effect of pollution on 1768
 Seagrasses--Laguna Madre (Tex.) 17, 940, 1432, 1433, 1434, 1435, 1436, 1438
 Sediment, Suspended 1517, 1531, 1673, 1714, 1861
 Sediment transport--New Mexico--Rio Grande 1666
 Sedimentation analysis 1842
Selaginella lepidophylla 200, 276
 Senecioneae 245
 Sewage--Abstracts--Data bases 1908
 Sewage disposal 1732
 Sewage disposal--Environmental aspects 1683, 1691
 Sewage disposal--Lower Rio Grande Valley (Tex.) 1722
 Sewage disposal--Mexico 15, 1634
 Sewage disposal plants 1684, 1712
 Sheepshead minnow 512
 Shellfish 940, 1631
 Shore birds 816, 949, 1879
 Shore protection--Bibliography 1924
 Shrubland ecology 43, 315, 1233, 1234, 1368, 1377
 Shrubland ecology--Mexico 1389
 Shrubs 18, 58, 298, 311, 328
 Shrubs--Mexico--Identification 323
 Sierra del Carmen 1556
Sigmodon fulviventer 1076, 1280, 1281
Sigmodon hispidus 1088
Sigmodon ochrognathus 1115
 Sika deer 1070
 Silky pocket mouse 1213
Siren intermedia 704, 706, 707
Siren intermedia texana 724, 737
 Sisyridae 481
Sitta carolinensis oberholseri 807
 Smallmouth buffalo 587
 Snails 406, 413, 414, 430
 Snails--Big Bend National Park (Tex.) 407, 408, 409, 410, 428
 Snakes 678, 679, 683, 694, 703, 708, 725, 738, 1778
 Snakes--Big Bend National Park (Tex.) 690, 691, 692, 699, 772
 Snook (see also *Centropomus undecimalis*) 602
 Soil fungi 190
 Soil pollution 1742
 Soil surveys 1466, 1482, 1496, 1497, 1499, 1502
 Soils 1470, 1498, 1503
 Soils--Analysis 1474, 1486
 Soils--Gypsum content 138
 Soils--Pesticide content 1741, 1825
 Soils--Selenium content--Lower Rio Grande Valley (Tex.) 1473
 Soils--Trace element content 1815
 Solanaceae 185, 260
Solanum 185
Sophora 274
 South Padre Island (Tex.: Island) 1426
 Southern pocket gopher 1302
Sparedrus depressus 348
Spartina alterniflora 1870
 Sphecidae 386, 387, 420
 Sphingidae 356
 Spirostreptidae 403
 Spittlebugs 372
 Spotted bat 1134
 Spotted tilapia 645
 Springs--Texas 1513, 1514
 Staphylinidae 349
 Starlings (see also *Sturnus vulgaris*) 1871, 1875
Sterna antillarum 921, 990
Sternothaerus odoratus 752
 Storm sewers 1647
 Stream channelization--Environmental aspects 1656
 Stream fauna--Chihuahuan Desert 1401
 Streamflow 1525, 1541, 1542
 Streamflow--Bibliography 1919
 Streamflow--Big Bend National Park (Tex.) 1553
 Streblidae 448
Streptanthus arizonicus 222

- Streptanthus carinatus* 222
Sturnus vulgaris 1872
 Sustainable development--Mexico--Tamaulipas 1568
 Swallow-tailed kite 1030
 Swallows 1044
Syringodium filiforme 1431
 Syrphidae 446
 Tachyporinae 349
Tadarida femorosacca 1132
 Tadpoles 757
Tamarix 317
Tamarix--Big Bend National Park (Tex.) 293, 300, 1149
Tamarix chinensis 1409
Tamarix ramosissima 320
 Tamaulipas (Mexico)--Environmental conditions 1568
Tamiasciurus 1181
Tantilla cucullata 683, 690
Tantilla diabolus 690, 772
Tantilla rubra cucullata 699
Tanyoprymnus moneduloides 385
 Teiidae 742, 770
 Teleostei 526
 Teleostomi 636
 Tenebrionidae 350, 437
 Terlingua Creek cat's-eye 244
 Termites--Big Bend National Park (Tex.) 445
 Terns 921, 947, 962, 990, 1004
 Testudinidae 726, 728, 755
 Texas--Description and travel 1448
 Texas lyre snake 692
 Texas Natural Resource Conservation Commission--Bibliography--Periodicals 1936
Thamnophis 678, 694
Thermosphaeroma subequalum 459
 Thick-billed kingbird 1024
Thomomys 1073
Thomomys umbrinus emotus 1302
 Thrashers 853, 855
 Thrushes 1052
Thymophylla tephroleuca 241
 Ticks 411, 691
 Tidal flat ecology 1570
 Tide-waters--Ecological surveys 4, 1421
Tilapia 646
Tilapia mariae 645
 Tobusch fishhook cactus 219
 Tortricidae 352, 358, 361, 362, 364
 Toxaphene 1794, 1880
 Toxicity testing 1756, 1757
 Trace elements 1709, 1770, 1789, 1832, 1837
Trachemys gaigeae 774
 Trans-Pecos rat snake 780
 Trans-Pecos (Tex. and N.M.)--Bibliography 1929
 Trapping 1155, 1242
 Tree-rings 299, 324, 325
 Trees 18, 58, 311, 328
 Trees--Mexico--Identification 323
Trichophya 349
 Trichoptera 456, 457, 490
 Trickle irrigation 1468, 1489
 Tricorythidae 452
Trimorphodon wilkinsoni 692
Tringa melanoleuca--Parasites 985
Trionyx spiniferus 713
 Triozosneural 357
Tripudia chihuahuana 363
 Triquetrae 217
 Trombiculidae 398
 Trout 590, 651
Trypanosoma cruzi 334
 Tufted flycatcher 1055
 Turtles 681, 713, 727, 729, 730, 752, 755, 762, 764
 Tyrannidae 870
 Ungulata 1268
 Unionidae 451, 477, 478
 Unionidae, Fossil 476
 Upland plover 1031
 Uranium mines and mining 1822
 Uredinales--Big Bend Region (Tex.) 192, 193
Urosaurus ornatus 695, 697, 698, 747
Ursia furtiva 353
Ursus americanus 1225, 1293, 1295, 1296
Ursus americanus--Big Bend National Park (Tex.) 1056, 1178, 1260, 1276
 Vaejovidae 422, 423
Vaejovis dugesi 422
 Vegetation classification--Big Bend National Park (Tex.) 29, 30, 66, 92, 114, 115, 158, 165
 Vegetation dynamics 36, 45, 66, 78, 112, 169, 295, 297, 1261, 1361, 1378
 Vegetation dynamics--Big Bend National Park (Tex.) 99, 166, 170, 310, 689, 1395
 Vegetation dynamics--Big Bend Region (Tex.) 167
 Vegetation dynamics--History 12, 76
 Vegetation dynamics--Lower Rio Grande Valley (Tex.) 148
 Vegetation dynamics--New Mexico--History 176
 Vegetation dynamics--Trans-Pecos (Tex. and N.M.) 74
 Vegetation mapping--Big Bend National Park (Tex.) 114, 116, 139, 310
 Vegetation mapping--Mexico 91, 100
 Vegetation mapping--Texas 106
 Vegetation surveys--Big Bend National Park (Tex.) 90, 107, 151, 154, 155, 157
 Vegetation surveys--Falcon Reservoir (Mexico and Tex.) 39
 Vegetation surveys--Lower Rio Grande Valley (Tex.) 42

- Vegetation surveys--Texas--Chisos Mountains 103, 108
 Vegetation surveys--Texas--Glass Mountains 150
 Vegetation surveys--Texas--Santa Ana National Wildlife Refuge 60
Vermivora crissalis 974, 1011, 1042
 Vertebrates--Amistad National Recreation Area (Tex.) 1335
 Vertebrates--Texas 1404, 1608
 Vertebrates--Texas--Colorado Canyon 1343
 Vertebrates--Texas--Concho River Valley 496
 Vertebrates--Texas--Fresno Canyon 1344
 Vertebrates--Texas--Presidio County 1334
 Vertebrates--Texas--Solitario 1345
 Vespertilionidae 1161, 1326
 Vespidae 401, 429
Vireo atricapillus 791, 792, 793, 875, 925, 936, 938, 953, 954
Vireo huttoni carolinae 807
Vireo vicinior 791, 792, 796, 872
 Vireos 792, 872
 Vireos--Big Bend National Park (Tex.) 791, 796, 871
 Vireos--Mexico 795
 Visibility--Big Bend National Park (Tex.) 1897, 1905
 Voles 1154
Vulpes macrotis 1287
 Walker's manioc 191
 Wasps 383, 385, 386, 387, 429
 Waste disposal--Environmental aspects 1619
 Water--Bacteriology 1678
 Water birds 1002, 1398, 1836, 1837
 Water birds--Mexico 831
 Water birds--New Mexico 885
 Water--Composition 1507, 1508, 1519, 1720
 Water conservation projects 1629, 1659
 Water consumption 1526, 1562
 Water diversion--Environmental aspects 1657, 1658
 Water in agriculture 1491
 Water--Pesticide content 1796, 1825, 1828, 1852, 1857, 1861
 Water--Pollution 1527, 1639, 1686, 1689, 1712, 1721, 1773, 1818, 1842, 1865
 Water--Pollution--Environmental aspects 1775, 1824, 1830, 1863, 1866
 Water--Pollution--Law and legislation 1723, 1729
 Water--Pollution--Lower Rio Grande Valley (Tex.) 1789, 1791, 1845
 Water--Pollution--Mexico 15, 1634
 Water--Pollution--New Mexico--Mesilla Valley 1796
 Water--Pollution--Texas--Chisos Basin 1604
 Water--Pollution--Texas--El Paso Region 1796
 Water--Pollution--Toxicology 7, 1769, 1772
 Water--Purification--Biological treatment 1713
 Water quality 1491, 1529, 1536, 1673, 1676, 1680, 1686, 1689, 1690, 1693, 1696, 1699, 1700, 1707, 1708, 1709, 1710, 1716, 1718, 1719, 1725, 1728, 1729, 1730, 1731, 1737, 1796, 1828, 1865
 Water quality--Big Bend National Park (Tex.) 1506, 1553, 1681, 1735
 Water quality--Big Bend Region (Tex.) 1601, 1717
 Water quality bioassay 1701
 Water quality--Colorado--Periodicals 1694
 Water quality--Elephant Butte Reservoir (N.M.) 1675
 Water quality--Falcon Reservoir (Mexico and Tex.) 1733, 1739
 Water quality--Laguna Madre (Tex.) 1738
 Water quality--Lower Rio Grande Valley (Tex.) 7, 1507, 1508, 1679, 1715, 1772, 1791
 Water quality management 3, 14, 1526, 1527, 1560, 1622, 1626, 1633, 1683, 1691, 1693, 1701, 1703, 1712, 1723
 Water quality management--Bibliography 1547
 Water quality management--Lower Rio Grande Valley (Tex.) 1635, 1722
 Water quality management--Periodicals 1724
 Water quality--Mexico 5, 1682, 1687, 1711
 Water quality--Texas--Amistad Reservoir 1702
 Water quality--Texas--Arroyo Colorado 1520, 1521, 1678, 1686, 1698, 1727, 1734
 Water quality--Texas--El Paso Region 1663, 1697, 1726
 Water quality--Texas--Periodicals 1692, 1695, 1724
 Water quality--Texas--Starr County 1518
 Water resources development--Bibliography 1938
 Water resources development 1551, 1557, 1563, 1565, 1567, 1577, 1661
 Water resources development--Big Bend National Park (Tex.) 1564
 Water resources development--Environmental aspects 1406, 1527, 1635
 Water resources development--Lower Rio Grande Valley (Tex.) 1647, 1679, 1722
 Water resources development--Texas--Bibliography--Catalogs 1915
 Water reuse 1691
 Water rights 1550, 1632
 Water salinization 1475, 1481
 Water-storage 1510
 Water-supply 1518, 1526, 1527, 1529, 1536, 1549, 1550, 1557, 1560, 1562, 1563, 1565, 1618, 1632, 1720, 1732
 Water-supply, Agricultural 1469, 1494, 1495
 Water-supply--Lower Rio Grande Valley (Tex.) 1500, 1507, 1508, 1519, 1561, 1647, 1651, 1704
 Water-supply--Texas--El Paso Region 1663
 Water-supply--Texas--Hidalgo County 1533, 1534
 Water--Texas--Bibliography 1933

- Water, Underground 1498, 1507, 1508, 1518, 1519, 1549, 1550, 1554
 Water, Underground--Pollution 1751, 1761
 Water, Underground--Quality 1483, 1505, 1509, 1677, 1697, 1699, 1700, 1715
 Water, Underground--Texas--Hidalgo County 1533, 1534
 Water use--Texas--Lower Rio Grande Basin 1640
 Waterfowl 805, 1832
 Waterfowl--Food 940, 991
 Waterfowl--New Mexico 959
 Waterfowl--Seasonal distribution 1049
 Watershed management 1498
 Watershed management--Periodicals 1724
 Watersheds 1491, 1523, 1555, 1731
 Wax plants 1447, 1462
 Weevils (see also *Curculionidae*) 371
 Wells 1507, 1518, 1519, 1554, 1677, 1751
 Wetlands 140, 1405, 1418, 1543, 1566
 Whiptail lizard (see also *Cnemidophorus*) 743, 748
 White-collared seedeaters 846
 White-faced ibis 1768, 1823
 White-necked raven 786
 White pelican 823
 White-tailed deer (see also *Odocoileus virginianus*) 1070, 1233, 1267, 1268, 1290, 1856
 White-winged dove (see also *Zenaida asiatica*) 802, 803, 865, 972, 978, 979, 1580, 1855
 Wild and scenic rivers 24, 1585, 1586, 1596, 1597, 1598, 1601
 Wild flowers--Big Bend Region (Tex.) 28, 277, 279
 Wild flowers--Lower Rio Grande Valley (Tex.) 198
 Wild flowers--Texas--Guadalupe Mountains 278
 Wild turkeys 789, 798
 Wilderness areas--Big Bend National Park (Tex.) 1589, 1590, 1591, 1592, 1593, 1594
 Wilderness areas--Rio Grande Valley 1637
 Wildlife conservation 623, 665, 1573, 1614, 1625
 Wildlife conservation--Lower Rio Grande Valley (Tex.) 1581, 1583, 1587, 1624
 Wildlife conservation--Mexico 495, 524, 1075
 Wildlife conservation--United States--Bibliography 1912, 1913
 Wildlife diseases 1177
 Wildlife habitat improvement 304, 850, 1119, 1399, 1400, 1410, 1413, 1510, 1625
 Wildlife habitat improvement--Bibliography 1921
 Wildlife habitat improvement--Lower Rio Grande Valley (Tex.) 1376, 1587
 Wildlife habitat improvement--Southwest, New--Congresses 1417
 Wildlife management 821, 1090, 1092, 1096, 1117, 1170, 1392, 1510
 Wildlife management--Big Bend National Park (Tex.) 1284
 Wildlife management--New Mexico 1164
 Wildlife management--United States--Bibliography 1912, 1913
 Wildlife refuges 513, 1459, 1576, 1577, 1581, 1582, 1583, 1584, 1851, 1864
 Wildlife refuges--Law and legislation 1578
 Wildlife refuges--Mexico 1, 1569
 Wildlife research--Bibliography 1939
 Wildlife--Water requirements 1400
 Willow 293
 Woodpeckers 838
 Woodrats 1113
 Woody plants 302, 304, 305, 306, 307, 308, 327, 328
Xiphoporus 626
Xystodesmidae 421
 Yellow-nosed cotton rat (see also *Sigmodon ochrognathus*) 1152, 1254
 Yellowlegs 985
Yucca carnerosana 238
Zale chisoensis 360
Zamagiria kendalli 355
Zapus 1167
Zenaida asiatica 813, 826, 827, 828, 829, 876, 957, 1392
Zenaida macroura 799, 866
 Zinc 1868
 Zoology--Big Bend National Park (Tex.) 1333, 1346, 1355
 Zoology--Texas--Franklin Mountains 1356
 Zoology--Texas--Hueco Mountains 1357

Journals List

- | | |
|---|---|
| Abstr. Gen. Meet. Am. Soc. Microbiol. | Abstracts of the General Meeting of the American Society for Microbiology |
| Acaralogia (Paris) | Acaralogia (Paris) |
| Acta Zool. Mex. Nueva Ser. | Acta Zoologica Mexicana Nueva Serie |
| Agric. Res. (Washington, D.C.) | Agricultural Research |
| Am. Bee J. | American Bee Journal |
| Am. Birds | American Birds |
| Am. Curr. | American Currents |
| Am. J. Bot. | American Journal of Botany |
| Am. Midl. Nat. | American Midland Naturalist |
| Am. Mus. Novit. | American Museum Novitates |
| Am. Nat. | American Naturalist |
| Am. Zool. | American Zoologist |
| An. Esc. Nac. Cienc. Biol. (Mex.) | Anales de la Escuela Nacional de Ciencias Biologicas (Mexico) |
| Ann. Entomol. Soc. Am. | Annals of the Entomological Society of America |
| Ann. Mo. Bot. Gard. | Annals of the Missouri Botanical Garden |
| Annu. Proc. Tex. Chapter Am. Fish. Soc. | Annual Proceedings of the Texas Chapter, American Fisheries Society |
| Annu. rep. - West. Soc. Malacol. | Annual Report Western Society of Malacologists |
| Aquat. Conserv. | Aquatic Conservation |
| Arch. Environ. Contam. Toxicol. | Archives of Environmental Contamination and Toxicology |
| Arch. Hydrobiol. | Archiv fuer Hydrobiologie |
| Arnoldia (Boston) | Arnoldia |
| Audubon | Audubon |
| Auk | Auk |
| Baylor Univ. Bull. | Baylor University Bulletin |
| Behaviour | Behaviour |
| Big Bend Paisano | Big Bend Paisano |
| Biol. Conserv. | Biological Conservation |
| Bioscience | Bioscience |
| Birding | Birding |
| Bol. Of. Sanit. Panam. | Boletin de la Oficina Sanitaria Panamericana |
| Bot. Gaz. | Botanical Gazette |
| Brittonia | Brittonia |
| Bromeliad Soc. J. | Bromeliad Society Journal |
| Bryologist | Bryologist |
| Bull. Am. Malacol. Union Inc. | Bulletin of the American Malacological Union Incorporated |
| Bull. Am. Mus. Nat. Hist. | Bulletin of the American Museum of Natural History |
| Bull. Chic. Acad. Sci. | Bulletin of the Chicago Academy of Sciences |
| Bull. Ecol. Soc. Am. | Bulletin of the Ecological Society of America |
| Bull. Entomol. Soc. Am. | Bulletin of the Entomological Society of America |
| Bull. Environ. Contam. Toxicol. | Bulletin of Environmental Contamination and Toxicology |
| Bull. Fla. State Mus. Biol. Sci. | Bulletin of the Florida State Museum Biological Sciences |
| Bull. Geol. Geogr. Surv. Territ. | Bulletin of the Geological & Geographical Survey of the Territories |
| Bull. Mar. Sci. | Bulletin of Marine Science |
| Bull. Mus. Comp. Zool. | Bulletin of the Museum of Comparative Zoology |
| Bull. Pan Am. Health Organ. | Bulletin of the Pan American Health Organization |
| Bull. South. Calif. Acad. Sci. | Bulletin Southern California Academy of Sciences |
| Bull. Tex. Mem. Mus. | Bulletin of the Texas Memorial Museum |
| Bull. Tex. Ornithol. Soc. | Bulletin of the Texas Ornithological Society |
| Bull. Torrey Bot. Club | Bulletin of the Torrey Botanical Club |
| Bull. U.S. Fish Comm. | Bulletin of the United States Fish Commission |
| Cactus Succulent J. | Cactus and Succulent Journal |

Calif. West. Int. Law J.	California Western International Law Journal
Can. Entomol.	Canadian Entomologist
Can. Field-Nat.	Canadian Field-Naturalist
Can. J. Zool.	Canadian Journal of Zoology
Cattleman	Cattleman
Chemosphere	Chemosphere
Chihuah. Desert Discov.	Chihuahuan Desert Discovery
Cicindela	Cicindela
Coenoses	Coenoses
Coleopt. Bull.	Coleopterists Bulletin
Colon. Waterbirds	Colonial Waterbirds
Comp. Biochem. Physiol.	Comparative Biochemistry and Physiology
Condor	Condor
Conserv. Biol.	Conservation Biology
Contrib. Baylor Univ. Mus.	Contributions from Baylor University Museum
Contrib. Mar. Sci.	Contributions in Marine Science
Contrib. Sci. (Los Angel.)	Contributions in Science, Natural History Museum of Los Angeles
Copeia	Copeia
Crustaceana	Crustaceana
Cuad. Inst. Invest. Cient. U.A.N.L. (Univ. Auton. de Nuevo Leon)	Cuadernos Instituto Investigaciones Cientificas, Universidad Autonoma Nuevo Leon, Mexico
Desert Plants	Desert Plants
Ecol. Monogr.	Ecological Monographs
Ecology	Ecology
Entomol. News	Entomological News
Entomol. Soc. Am. Newsl.	Entomological Society of America Newsletter
Environ. Biol. Fishes	Environmental Biology of Fishes
Environ. Entomol.	Environmental Entomology
Environ. Monit. Assess.	Environmental Monitoring and Assessment
Environ. Pollut.	Environmental Pollution
Environ. Pollut. Ser. A Ecol. Biol.	Environmental Pollution. Series A, Ecological and Biological
Environ. Prof.	Environmental Professional
Environ. Sci. & Technol.	Environmental Science & Technology
Environ. Toxicol. Chem.	Environmental Toxicology and Chemistry
Estuaries	Estuaries
Estuarine Coastal Shelf Sci.	Estuarine Coastal and Shelf Science
Fed. Regist.	Federal Register
Field Lab.	Field and Laboratory
Field Mus. Nat. Hist. Publ. Zool. Ser.	Field Museum of Natural History Publications Zoological Series
Fieldiana Zool.	Fieldiana Zoology
Fisheries	Fisheries
Folia Entomol. Mex.	Folia Entomologica Mexicana
For. Ecol. Manage.	Forest Ecology and Management
Funct. Ecol.	Functional Ecology
Geocarto Int.	Geocarto International
Geog. Rev.	Geographical Review
Geol. Soc. Am. Bull.	Geological Society of America Bulletin
Geomorphology	Geomorphology
GIS World	GIS World
Great Basin Nat.	Great Basin Naturalist
Guideb. - New Mexico Geol. Soc.	Guidebook - New Mexico Geological Society
Herpetologica	Herpetologica
Herpetol. Rev.	Herpetological Review
Hydrobiologia	Hydrobiologia
Int. Bear News	International Bear News

Int. J. Biometeorol.	International Journal of Biometeorology
Int. Ornith. Congr.	International Ornithological Congress
Int. Wildl.	International Wildlife
J. Air Waste Manage. Assoc.	Journal of the Air and Waste Management Association
J. Am. Mosq. Control Assoc.	Journal of the American Mosquito Control Association
J. Am. Trophy Hunt.	Journal of the American Trophy Hunter
J. Arachnol.	Journal of Arachnology
J. Arid Environ.	Journal of Arid Environments
J. Ariz.-Nev. Acad. Sci.	Journal of the Arizona-Nevada Academy of Science
J. Arnold Arbor. Harv. Univ.	Journal of the Arnold Arboretum Harvard University
J. Assoc. Off. Anal. Chem.	Journal of the Association of Official Analytical Chemists
J. Big Bend Stud.	Journal of Big Bend Studies
J. Biogeogr.	Journal of Biogeography
J. Bromeliad Soc.	Journal of the Bromeliad Society
J. Coastal Res.	Journal of Coastal Research
J. Econ. Entomol.	Journal of Economic Entomology
J. Field Ornithol.	Journal of Field Ornithology
J. Fish Biol.	Journal of Fish Biology
J. Geol.	Journal of Geology
J. Helminthol. Soc. Wash.	Journal of the Helminthological Society of Washington
J. Herpetol.	Journal of Herpetology
J. Hydrol.	Journal of Hydrology
J. Irrig. Drain. Eng.	Journal of Irrigation and Drainage Engineering
J. Kans. Entomol. Soc.	Journal of the Kansas Entomological Society
J. Lepid. Soc.	Journal of the Lepidopterists' Society
J. Mammal.	Journal of Mammalogy
J. Med. Entomol.	Journal of Medical Entomology
J. N. Y. Entomol. Soc.	Journal of the New York Entomological Society
J. Parasitol.	Journal of Parasitology
J. Phycol.	Journal of Phycology
J. Protozool.	Journal of Protozoology
J. Range Manage.	Journal of Range Management
J. Raptor Res.	Journal of Raptor Research
J. Rio Grande Val. Hortic. Soc.	Journal of the Rio Grande Valley Horticultural Society
J. Wildl. Dis.	Journal of Wildlife Diseases
J. Wildl. Manage.	Journal of Wildlife Management
Madrono	Madrono
Mar. Ecol. Prog. Ser.	Marine Ecology Progress Series
Mem. Simp. Pesquer. Aguas Continent.	Memorias del Simposio sobre Pesquerias en Aguas Continentales
Memorias	Memorias
Misc. pap., Texas Mem. Mus.	Miscellaneous papers - Texas Memorial Museum
Misc. Publ. Mus. Zool. Univ. Mich.	Miscellaneous Publications Museum of Zoology University of Michigan
Mycologia	Mycologia
N. Am. Fauna	North American Fauna
Nat. Conserv. News	Nature Conservancy News
Nat. Parks Conserv. Mag.	National Parks and Conservation Magazine
Nat. Parks Mag.	National Parks Magazine
Nat. Resour. J.	Natural Resources Journal
Nautilus	Nautilus
New Waves	New Waves
Northeast Gulf Sci.	Northeast Gulf Science
Occas. Pap. Mus. Zool. La. State Univ.	Occasional Papers of the Museum of Zoology Louisiana State University
Occas. Pap. Mus. Tex. Tech. Univ.	Occasional Papers, The Museum, Texas Tech University

Occas. Pap. Mus. Zool. Univ. Mich.	Occasional Papers of the Museum of Zoology University of Michigan
Oecologia	Oecologia
Ohio J. Sci.	Ohio Journal of Science
Oologist.	Oologist
Pac. Coast Avifauna	Pacific Coast Avifauna
Pan-Pac. Entomol.	Pan-Pacific Entomologist
Park Sci.	Park Science
Pearce-Sellards Ser. Tex. Mem. Mus.	Pearce-Sellards Series Texas Memorial Museum
Pedobiologia	Pedobiologia
Pestic. Monit. J.	Pesticides Monitoring Journal
Physiol. Zool.	Physiological Zoology
Phytochemistry (Oxf.)	Phytochemistry (Oxford)
Phytologia	Phytologia
Plant Syst. Evol.	Plant Systematics and Evolution
Proc. Acad. Nat. Sci. Phila.	Proceedings of the Academy of Natural Sciences of Philadelphia
Proc. Annu. Conf. Southeast Assoc. Fish Wildl. Agencies	Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies
Proc. Biol. Soc. Wash.	Proceedings of the Biological Society of Washington
Proc. Calif. Acad. Sci.	Proceedings of the California Academy of Sciences
Proc. Desert Fishes Counc.	Proceedings of the Desert Fishes Council
Proc. Entomol. Soc. Wash.	Proceedings of the Entomological Society of Washington
Proc. U.S. Nat. Mus.	Proceedings of the United States National Museum
Proc. West Va. Acad. Sci.	Proceedings of the West Virginia Academy of Science
Prof. Geogr.	Professional Geographer
Psyche	Psyche
Publ. Biol. Fac. Cienc. Biol. Univ. Auton. Nuevo Leon	Publicaciones Biologicas Facultad de Ciencias Biologicas Universidad Autonoma de Nuevo Leon
Publ. Biol. Inst. Invest. Cienc. U. A. N. L. (Univ. Auton. Nuevo Leon)	Publicaciones Biologicas Instituto de Investigaciones Cientificas U. A. N. L. (Universidad Autonoma de Nuevo Leon)
Publ. Inst. Mar. Sci. Univ. Tex.	Publications of the Institute of Marine Science University of Texas
Quaternary Res.	Quaternary Research
Rangeman's J.	Rangeman's Journal
Res. Highl. Noxious Brush Weed Control Range Wildl. Manage.	Research Highlights Noxious Brush and Weed Control, Range and Wildlife Management
Restor. Manage. Notes	Restoration and Management Notes
Rhodora	Rhodora
Sabal	The Sabal
Sci. Biol. J.	Science of Biology Journal
Science	Science
SIDA Contrib. Bot.	SIDA Contributions to Botany
Smithson. Contrib. Zool.	Smithsonian Contributions to Zoology
Smithson. Misc. Collect.	Smithsonian Miscellaneous Collections
Sociobiology	Sociobiology
South. Med. J.	Southern Medical Journal
Southwest. Entomol.	Southwestern Entomologist
Southwest. Hist. Q.	Southwestern Historical Quarterly
Southwest. Nat.	Southwestern Naturalist
Sul Ross State Teach. Coll. Bull.	Sul Ross State Teachers College Bulletin
Syst. Bot.	Systematic Botany
Syst. Entomol.	Systematic Entomology
Teratology	Teratology
Tex. A. I. Univ. Stud.	Texas A&I University Studies
Tex. Arch. Paleontol. Soc. Bull.	Texas Archeological and Paleontological Society Bulletin
Tex. Fisherman	Texas Fisherman
Tex. Game Fish	Texas Game and Fish

Tex. Geogr. Mag.	Texas Geographic Magazine
Tex. Herpetol. Soc. Newsl.	Texas Herpetological Society Newsletter
Tex. Highw.	Texas Highways
Tex. J. Agric. Nat. Resour.	Texas Journal of Agriculture and Natural Resources
Tex. J. Sci.	Texas Journal of Science
Tex. Med.	Texas Medicine
Tex. Ornithol. Soc. Newsl.	Texas Ornithological Society Newsletter
Tex. Parks Wildl.	Texas Parks and Wildlife
Trab. Estac. Limnol. Patzcuaro	Trabajos de la Estacion Limnologica de Patzcuaro
Trans. Am. Entomol. Soc. (Phila.)	Transactions of the American Entomological Society (Philadelphia)
Trans. Am. Fish. Soc.	Transactions of the American Fisheries Society
Trans. Kans. Acad. Sci.	Transactions of the Kansas Academy of Science
Trans. N. Am. Wildl. Conf.	Transactions of the North American Wildlife Conference
Trans. N. Am. Wildl. Nat. Resour. Conf.	Transactions of the North American Wildlife and Natural Resources Conference
Trans. San Diego Soc. Nat. Hist.	Transactions of the San Diego Society of Natural History
Trans. Tex. Acad. Sci.	Transactions of the Texas Academy of Sciences
Tree-Ring Bull.	Tree-Ring Bulletin
Triann. Unionid Rep.	Triannual Unionid Report
Univ. Calif. Publ. Zool.	University of California Publications in Zoology
Univ. Kans. Publ. Mus. Nat. Hist.	University of Kansas Publications of the Museum of Natural History
U.S. Mex. Boundary Survey Rep.	U.S. Mexican Boundary Survey Report
U.S. Nat. Mus. Bull.	U.S. National Museum Bulletin
Vegetatio	Vegetatio
Veliger	Veliger
Water Air Soil Pollut.	Water Air and Soil Pollution
Water Environ. Technol.	Water Environment & Technology
Water Resour. Bull.	Water Resources Bulletin
Weed Sci.	Weed Science
Wetlands	Wetlands
Wilderness	Wilderness
Wildl. Soc. Bull.	Wildlife Society Bulletin
Wilson Bull.	Wilson Bulletin
Zoologica	Zoologica

Information Sources

The following list provides addresses for sources referred to within specific references in this bibliography. The Big Bend National Park collection may be accessed; however, this access may be limited by the ability of the park service staff to respond to requests.

Big Bend National Park

Division of Science and Resource Management
Box 129
Big Bend National Park, TX 79834
(915) 477-2251
Web site: <http://www.nps.gov/bibe/>

Fish and Wildlife Reference Service

5430 Grosvenor Lane, Suite 110
Bethesda, MD 20814
(800) 582-3421
(301) 492-6403
Fax: (301) 564-4059
Web site: <http://www.fws.gov/search/fwrefser.html>

Floristic Inventories of the Southwest Program

P.O. Box 13331
El Paso, TX 79913

Guadalupe Mountains National Park

HC 60 Box 400
Salt Flat, TX 79847
(915) 828-3251
Fax: (915) 828-3269
Web site: <http://www.nps.gov/gumo/index.htm>

Knight-Ridder Information, Inc.

Worldwide Headquarters
2440 W. El Camino Real
Mountain View, CA 94040
(800) 334-2564
(415) 254-8800
Fax: (415) 254-8123
E-mail: customer@corp.dialog.com
Web site: <http://www.krinfo.com>

National Park Service

Denver Service Center

Technical Information Center

DSC-MS
P.O. Box 25287
Denver, CO 80225-0287
(303) 969-2130
Fax: (303) 987-6658
Web site: <http://www.nps.gov/dsc/tic/>

National Park Service

Southwest Support Office

P.O. Box 728
Santa Fe, NM 87504-0728
(505) 988-6011
Web site: <http://www.nps.gov/swso/osftb.htm>

National Technical Information Service (NTIS)

5285 Port Royal Road
Springfield, VA 22161
(703) 487-4650
Fax: (703) 321-8547
E-mail: orders@ntis.fedworld.gov
Web site: <http://www.fedworld.gov>

SilverPlatter Information, Inc.

100 River Ridge Drive
Norwood, MA 02062-5043
(800) 343-0064
(617) 769-2599
Fax: (617) 769-8763
Web site: <http://www.silverplatter.com/>

Texas Natural Resource Conservation Commission

P.O. Box 13087
Austin, TX 78711-0387
(512) 239-0020
Fax: (512) 239-0022
Web site: <http://www.tnrcc.state.tx.us>

Texas Organization for Endangered Species

P.O. Box 12773
Austin, TX 78711
(409) 234-3021
Web site: <http://straylight.tamu.edu/tamu/toes/toes.html>

Texas Parks and Wildlife Department

4200 Smith School Road
Austin, TX 78744
(800) 792-1112
(512) 389-4362
Web site: <http://www.tpwd.state.tx.us>

Texas Water Resources Institute

301 Scoates Hall, MS 2118
Texas A&M University
College Station, TX 77843-2118
(409) 845-1851
Web site: <http://twri.tamu.edu>

University Microfilms International

P.O. Box 3691
San Francisco, CA 94119-3691
(800) 248-0360
(415) 433-5500
Fax: (415) 433-0100
E-mail: orders@infostore.com
Web site: <http://www.umi.com/infostore>

U.S. Geological Survey

Information Services

Open File Reports

P.O. Box 25286, MS 517
Denver, CO 80225
(303) 202-4210
Fax: (303) 202-4695
Web site: <http://h2o.usgs.gov/>

Superintendent of Documents

U.S. Government Printing Office

Washington, D.C. 20402
(202) 512-1800
Fax: (202) 512-2250
Web site: http://www.access.gpo.gov/su_docs

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY (Leave Blank)		2. REPORT DATE July 1997		3. REPORT TYPE AND DATES COVERED Information and Technology Report	
4. TITLE AND SUBTITLE Biology of the Rio Grande border region: a bibliography				5. FUNDING NUMBERS	
6. AUTHOR(S) Lynne E. Johnson, Linda J. Jacobs, and Diana Papoulias					
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) U.S. Department of the Interior U.S. Geological Survey, Biological Resources Division Environmental and Contaminants Research Center* Columbia, MO 65201 *Formerly Midwest Science Center				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Department of the Interior U.S. Geological Survey Biological Resources Division Reston, VA 20192				10. SPONSORING/MONITORING AGENCY REPORT NUMBER USGS/BRD/ITR--1997-0001	
11. SUPPLEMENTARY NOTES					
12a. DISTRIBUTION/AVAILABILITY STATEMENT Release unlimited. Available from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161 (1-800-553-6847 or 703-487-4650). Available to registered users from the Defense Technical Information Center, Attn: Help Desk, 8725 Kingman Road, Suite 0944, Fort Belvoir, VA 22060-6218 (1-800-225-3842 or 703-767-9050).				12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) This bibliography includes 1,913 references to the literature of the Rio Grande (Rio Bravo del Norte). The specific geographic area covered extends 100 km on either side of the river from Elephant Butte Dam in New Mexico to the Gulf of Mexico. The bibliography focuses on the biological literature, divided into major subject areas, and also includes supporting literature from the physical and environmental sciences. The database is available in a searchable format on the Internet home page of the U.S. Geological Survey, Biological Resources Division, Environmental and Contaminants Research Center.					
14. SUBJECT TERMS Big Bend National Park, botany, Chihuahuan Desert, ecology, Mexico, New Mexico, pollution, Texas, water quality, zoology				15. NUMBER OF PAGES 150 p.	
				16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT		

NSN 7540-01-280-5500

Standard Form 298 (Rev. 2-89)
Prescribed by ANSI Std Z39-18
298-102